



**COSMOS PROJECTS TRADING CO W.L.L**



## WHO WE ARE

- Cosmos Projects Trading Co. WLL is a premier trading company focused on providing efficient solutions to automobile maintenance and general contracting businesses. We are a general trading division of the Arabian International group- a leading business conglomerates in The Kingdom of Bahrain. Established in the year 2005, we have been providing our services on a regular basis to several high profile clients in The Kingdom, such as Banagas, Bapco, Tatweer, Electricity & Water Authority, Al Ezzel O&M plants, Nass Group, AMA Group, Arab Shipbuilding & Repair yard to name a few.
- As a company whose values are rooted in the client's best interests, we put client requirement on the forefront; our main aim is to provide our clients with the best possible services and quality products at the most competitive prices in the market. Our expansive range of products allows us to cater to a wide demographic which has helped expand our services and client base. We are truly a one stop shop, with our services encompassing a wide range of services such as power tools, building tools, safety equipments, protective gear, road safety equipment, welding kits, industrial chemicals, etc.
- We always update our inventory with the latest products in the markets, Our accessibility to the best products in the market and our innovative approach to all our projects gives us a leverage over our competitors which has worked well so far in providing satisfying services to our clients.
- Our overseas branch in CHINA with professional sourcing team with access to major manufacturers in mainland enable us to have a proper quality inspection before every shipment.

### QUALITY POLICY

**COSMOS PROJECTS TRADING Co W.L.L. (CPT)** top management is committed to supply of high quality Construction equipment, Industrial chemicals and Safety equipments by accurately interpreting customer's requirements, in accordance with relevant standards and specification with a constant customer focus to achieve satisfaction.

CPT ensured the context of the organization i.e. to determine the internal/external issues of the CPT, addressing needs & expectations of interested parties by mitigating risk & converting into opportunities for its strategic direction to achieve intended result of quality management system.

CPT products / processes are managed by considering applicable regulatory requirements, establishing controls, communicating & verifying the compliance of requirements.

The top management is committed:

- To ensure that customers, contractor and legal requirements are met in providing services and manage the operations in effective & efficient way.
- To protect environment & prevent pollution to fulfil compliance obligation & other requirements to the reduce impacts /risks which may results in pollution or injury by enhancing QMS performance.
- To monitor continual improvements of QMS performance by setting objectives, targets and planning to achieve them.
- To ensure monitoring of quality issues through involvement of its employees, customers, suppliers, regulatory authorities and the community.

Meeting these standards is the responsibility of the entire team. CPT is therefore committed to working with all stakeholders to support effective operation of QMS and achievement of its objectives by providing employees trainings to enhance the competency & continually monitoring its effectiveness in operations.

CPT QMS Policy & objectives is being reviewed annually for suitability or upon achieving objectives.

CPT management to ensure that QMS policy is understood, published & communicated, and applied within the organization and is available to interested parties.

CPT employees are committed to comply to meet requirements of QMS to continually improve its effectiveness.



### CERTIFICATE OF REGISTRATION

*This is to certify that the Quality Management System of*  
**Cosmos Projects Trading Company W.L.L**

Office-7, Building 4016, Road 469, Block 604, Al-Quryah,  
 Manama, Kingdom of Bahrain  
 has been assessed and registered by TNV as conforming  
 to the requirements of:

## ISO 9001:2015

For the following Scope

**Import and Distribution of Industrial Chemicals, Engineering Tools,  
 Construction Hardware Materials, High Quality Personal Protective  
 Equipment and General Building Construction Materials**

"IAF Group- 29"

Certificate Number : 190730017301  
 Initial Issue Date: 30<sup>th</sup> Jul. 2019  
 Issue Date: 30<sup>th</sup> Jul. 2019  
 Valid Until: 29<sup>th</sup> Jul. 2022  
 1<sup>st</sup> Surveillance Date: 30<sup>th</sup> Jun. 2020  
 2<sup>nd</sup> Surveillance Date: 30<sup>th</sup> Jun. 2021  
 Revision: 00

Prayesh Singh  
 CEO  
 TNV System Certification P Ltd.



TNV is accredited by International Accreditation  
 Services (IAS), United States of America wide MSCB  
 Number 154. Status of Certificate can be verified on  
 TNV's website [www.tnvgroup.org](http://www.tnvgroup.org)

Head Office: TNV House, 100-101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

# PERSONAL PROTECTIVE EQUIPMENT HEAD PROTECTION



**SAFETY  
HELMET**

FOR ADEQUATE PROTECTION THIS HELMET MUST FIT OR BE ADJUSTED TO THE SIZE OF THE USER'S HEAD.  
HELMET IS MADE TO ABSORB THE ENERGY OF A BLOW BY PARTIAL DESTRUCTION OR DAMAGE TO THE SHELL AND/OR THE HARNESS. AND EVEN THOUGH SUCH DAMAGE MAY NOT BE READLY APPARENT, ANY HELMET SUBJECTED TO SEVERE IMPACT SHOULD BE REPLACED. THE ATTENTION OF USERS IS ALSO DRAWN TO THE DANGER OF MODIFYING OR REMOVING ANY OF THE ORIGINAL COMPONENT PARTS OF THE HELMET, OTHER THAN AS RECOMMENDED BY THE HELMET MANUFACTURER, HELMETS SHOULD NOT BE ADAPTED FOR THE PURPOSE OF FITTING ATTACHEMENTS IN ANY WAY NOT RECOMMENDED BY THE HELMET MANUFACTURER.  
DO NOT APPLY PAINT, SOLVENTS, ADHESIVES, OR SELF-ADHESIVES LABELS, EXCEPT IN ACCORDANCE WITH INSTRUCTIONS FROM HELMET MANUFACTURER.

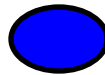
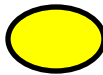


**PE/NA**

**-20°C 440 Vac**



Available Color :-



Ratchet Wheel &  
Suspension Harness  
EN397, ANSI Z89.1  
ABS Plastic  
**Brand : MSA, 3M, Pit Bull**



Chin Strap for safety cap  
Heavy duty

# EYE PROTECTION



**Safety Spectacles** Clear & Dark Model: V46  
CE, ANSI Z87.1, EN166 UV Protection 99 %  
Anti Scratch Brand: Vaultex, Eyevex

**Safety Spectacles** Clear & Dark Model: V91 CE,  
ANSI Z87.1, EN166 UV Protection 99 % Anti  
Scratch Brand: Vaultex, Eyevex



**Chemical  
Goggles** 5905  
CE, EN166, ANSI  
Z87.1



**Dust & Chemical  
Goggles** Clear, 1.5mm,  
SG152, SG154 CE, ANSI  
Z87.1



**Safety Over glass** V30  
CE, EN166, ANSI Z87.1



**Safety Spectacles** Clear & Dark  
Brand : 3M Virtua™  
Model : 11818 & 11815  
Standards/Approvals : ANSI Z87.1-2015, CSA Z94.3  
Recommended Industry  
Automotive, Construction, Facility Sanitation, Food &  
Beverage, Food Processing, Food Safety, General  
Manufacturing, Metal Fabrication, Military  
Maintenance, Repair and Operation (MRO), Mining, Oil  
& Gas, Pharmaceutical, Pharmaceuticals,  
Transportation



**Welding Goggles**  
CE, ANSI Z87.1



# EAR PROTECTION



## Ear Muff

Brand : 3M Peltor,  
Model : H9A,  
Noise Reduction : 25 DB  
Product Series : Optime  
Recommended Industry : Automotive, General Manufacturing, Metal Fabrication, Military Maintenance, Military Maintenance, Repair and Operation (MRO), Mining, Oil & Gas, Pharmaceutical, Repair and Operation (MRO), Transportation

## Ear Muff

Brand: 3M, Peltor  
Model : H7P3E  
Noise Reduction : 24 DB  
Product Series : Optime  
Type: Hard Hat Attach  
Recommended Industry  
Automotive, General Manufacturing, Metal Fabrication, Military Maintenance, Repair and Operation (MRO), Mining, Oil & Gas, Pharmaceutical,



## Ear Muff

Brand : Blue Eagle  
Model : EM92BL  
ANSI, NRR : 24 DB  
Color : blue

## Ear Plug

Model: 1110 & 1100  
Color : Orange  
CSA Class : CSA Class AL  
Noise Reduction Rating : 29 Decibel  
Recommended Industry:  
Automotive, General Manufacturing, Metal Fabrication, Military Maintenance, Repair and Operation (MRO), Mining, Oil & Gas, Pharmaceutical, Transportation



# RESPIRATOR MASK



6000 Series



7000 Series



6000 Series

Organic Vapor Acid Gas



Particulate Filters



Filter Adapter & Retainer



## Particulate Respirator Mask N95

Features : Advanced Electrostatic Media

Product Type :Dust and other Particles

Recommended Industry:  
Commercial buildings,  
Construction, Design &  
Construction, Food Processing,  
Food Safety, General  
Manufacturing, Heavy  
Infrastructure, Mining, Oil & Gas,  
Transportation



## Particulate Respirator Mask N95

Aerosol Type : Oil and Non-Oil

Features: Advanced  
Electret Media, Braided  
Comfort Strap, M  
Noseclip, Stapled  
Headband  
Material :Carbon Filter



## Fume Mask N95

Product Type : Nuisance  
Level Organic Vapors

Features : 3M™ Cool  
Flow™ Valve, Adjustable  
Buckle Straps, Advanced  
Electrostatic Media,  
Cake-Resistant Filter  
Media, Carbon Filter  
Material, N100 Required,  
OV Reduction, Welding  
Web





# GAS DETECTORS & ESCAPE MASK



## Multi Gas Detector

Detects: O<sub>2</sub>, H<sub>2</sub>S, CO & LEL  
Model: Microclip XL  
CE, UL classified, ATEX, Ex  
2-year warranty  
BW Technologies  
Brand : Honeywell  
Made: Mexico



## Dräger PARAT® 3200

The Dräger PARAT® 3200 is a mouth piece / nose-clip escape device equipped with a multi-gas ABEK15 filter. Packed in a robust and ergonomic case the unit is compact and easy to carry. Approved to the only recognized standard for filtering industrial escape devices (DIN 58647-7) – it provides users a minimum of 15 minutes escape time



## Single Gas Detector

Detects : H<sub>2</sub>S,  
Model : BWC2-H  
10-15ppm, CE, UL classified, ATEX, Ex  
Available : 24 months & 36 months  
BW Technologies  
Brand : Honeywell  
Made: Mexico



## Multi Gas Detector With Pump

Detects: O<sub>2</sub>, H<sub>2</sub>S, CO & LEL  
Model: Microclip XL  
CE, UL classified, ATEX, Ex  
2-year warranty  
BW Technologies  
Brand : Honeywell  
Made: Mexico

## Self-contained breathing apparatus

Model: 1823222 & 1819661  
SCBA System  
Aeries comfort type II zenith valve  
EN 137,Fenzy 6.9L 300Bar Composite  
(20 Yrs.) air cylinder  
Brand : Honeywell



## Non Wireless, Multi Gas, Area Monitor,

Configured with LEL,O<sub>2</sub>, H<sub>2</sub>S & CO - 4  
Gas Sensor Stand Alone Type, BM25  
Natural Diffusion Version ( No Pump )  
Brand & Make : Oldham, France

# PROTECTIVE CLOTHING



**Coverall 65% 35% Poly Cotton  
& 100% Cotton,**  
European Coverall, FR Nomex  
Type Coverall  
International Standards : BS EN  
ISO 11612, EN 1149.5,  
EN 471, NFPA 2112, EN 61482  
160 to 200 GSM



**European Style Pant & Shirt**  
EN 340-1993, Reflector : EN 741  
280 GSM



**Uniforms, Pant & Shirt Type**

Light  
Blue

Dark  
Blue

Yellow

Green

Orange

Beige

Red



# HAND PROTECTION

## Leather Hand Gloves

Std : EN420, EN 388,  
Cat II , 3222  
Cuff : 10.5"  
Made : Pakistan



## Cotton Knitted Hand Gloves

TC Rate : 70/30  
10G Automatic Machine Knitting  
Comfortable Wearing, Good  
Breathable



## Leather Hand Gloves Double Palm

Std : EN420, EN 388,  
Cat II , 3222  
Cuff : 10.5"  
Made : Pakistan



## Latex Crinkle Coated Gloves 10G

**STD** : CE, EN 420, EN388, 4111  
Cat II

Textured palm finish that provides  
Excellent grip in both dry & wet  
Environments, seamless knitted  
Liner deliver superb fit and best  
Comfort and flexibility to the users.



## Cut Protection Gloves CUT-5

HDPE High Tenacity seamless knitted liner that provide long lasting

Protection against cut, tear and abrasion

PU coating on palm and fingertips

Excellent grip with tactile feel in wet, dry and oily environments

## Application

Metal Fabrication, Construction, Glass Manufacturing and Handling,

Automotive, Handling Sharp Objects,

## STD

CE, Cat II, EN 420, EN 388, 4543



HIGH QUALITY  
BLACK PU COATED



ELASTICATED  
CUFF



HIGH QUALITY  
HPPE LINER



# HAND PROTECTION



## Impact Gloves

Heavy duty mechanical gloves with injection molded TPR padding on the back of the hand and fingers. Rough Kevlar palm with neoprene slip and micro prismatic retro reflective on the both sides of the cuff

### Features

Heavy Duty mechanic impact gloves  
Cut resistance  
Perfect durable design with excellent abrasion  
Cuff style in knit wrist  
Cut resistant gloves for oil & gas applications

### Application & Industries

Mechanic, Parts Handling, Rigging, Demolition, Hand Tools. Pipe Fittings Etc

**STD:** CE, Cat III EN 388



## Welding Hand Gloves

STD : CE, EN 12477, EN388, EN 407

### Application

Welding & Fabrication, Grinding



## White Knitted Blue PVC Dotted Gloves

Description : TC Rate 70/30 Yarn  
10G Automatic Machine Knitting  
Good Elastic & Comfortable wearing  
Durable PVC dotted

## Argon Welding Gloves

STD : CE, CAT II EN 388, EN 407

### Application

Tig Welding, Fabrication

## Rubber Hand Gloves

Application : Cleaning,  
Handling of chemical non  
corrosive,  
Agriculture, General  
Maintenance Etc



## Leather Driving Gloves

Straight Thumb  
Full Goat Leather Cuff 10.5"  
Back cotton piping



## RED CHEMICAL GLOVES - 40 cm

FEATURES : Single Dipped Red PVC Coated on Polyester Jersey Support, Interlock Lined for Easy on and off, Resistant to Oil, Grease and Chemicals  
One Size Fits all



# FOOT PROTECTION



## **Safety Shoe**

S2, S3 Quality  
STD: CE, ISO EN20345:2011  
Steel Toe & Mid Plate  
Extra Comfort  
Anti Slip, Oil Resistant  
Heat Resistant  
Impact Resistant  
Genuine Leather  
Available : Shoe & boot type



## **Safety Shoe Executive**

S3, SRC, CE EN 20345  
Composite Toe Cap & Kevlar Mid Sole  
Antistatic PU Sole, Light Weight  
100% Non metallic



## **Safety Shoe Executive**

S3, SRC, CE EN 20345  
Composite Toe Cap & Kevlar Mid Sole Antistatic PU Sole



## **Rubber Rain Boot With Steel Toe**

Std : S4  
High Quality PVC  
Steel Toe, Oil Resistant  
Energy Absorbing Heels  
Available color : Black & Yellow



## **Safety Shoe Sports Type**

Std: EN 20345  
Composite Toe Cap  
Slip Resistant, EVA Mid Sole  
Heat Resistant sole 300°C  
Shock Absorption, Non Metallic



## **Welder Safety Boot**

Std : EN 20345  
Steel Toe Cap & Mid Plate  
Heat Resistant  
Non Slip Sole, Oil Resistant  
Genuine Leather

# FIRST AID KITS, EYEWASH STATIONS



## First Aid Kit GKB301

Content : -

- Surgical Gloves - 1pkt
- Round bandage - 1roll
- Gauze Bandage - 1pkt
- Instant Cold Pack - 1pkt
- Alcohol Pre Pad - 5 Pcs
- Sterile Gauze pad Small- 3pkt
- Sterile Gauze pad Large- 3pkt
- Sterile Gauze pad Medium- 3pkt
- Scissor - 1 Pcs
- Safety Pin - 4 Pcs
- Small Band-Aid - 15 Pcs
- Plastic with round band aid - 1 Pcs



## Emergency eyewash Kit

Content :

- 2 Eye Pad Dressings No.16
- 2 Eye Wash Pods 20ml
- 2 Eye Wash Bottle 500ml
- 1 Mirror



## Heat Stress Kit

Brand : First Voice



# ROAD SAFETY EQUIPMENT



## **Traffic Cone ( PE )**

Model: S1204H

HDPE red body with Made in china,  
49x49cm Black PVC Base

32cm reflective collar

Height : 1 Mtr

Weight : 5 Kg



## **Flexible Bollard**

Material: PE new material  
post and Plastic-rubber base

Height:95cm, Weight:3kg,

Reflective band:44cm



## **Solar warning light**

Model : S-1317

2pcs LED,

Amber PS lens and yellow PP base,

With metal bracket Packing: 12pcs in a carton

## **Battery for Flash light**

6v, Heavy Duty

24 pcs in a carton



## **Warning light**

Model: S-1302,

2pcs LED,

Amber PS lens and yellow

PP base,

With metal bracket

Packing: 12pcs in a carton



## **Traffic Control Baton Lights**

S1588 Green & Red

Flashing

Dimension > 54 X 4cm



## **Revolving Light**

For Vehicle safety

12v & 24v, Amber



# ROAD SAFETY EQUIPMENT



## Warning Tape

Model : S-1611

Width 3", Thickness 0.04mm,  
Length 300meter.

Color: Red & White, Yellow & Black.

Package: 1pcs with one white box,  
16boxes in a carton.

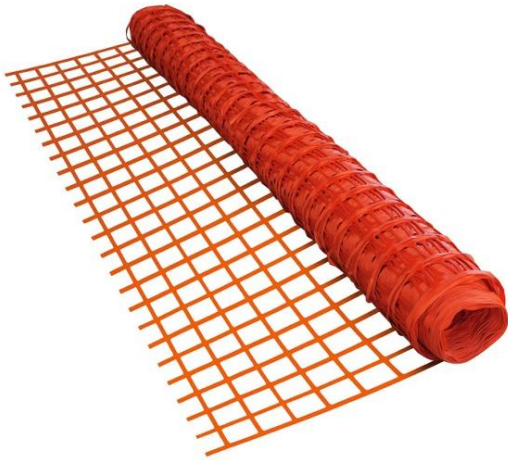


## Plastic Warning Chain

Model : S-1603 & S1606

6mm In Length 27mm Out Width 20mm,  
25 mtr / Roll

Colour: Red & White & Black & Yellow



## Safety Fencing

Safety fencing is used to cordon off danger  
areas at construction make work & excavation sites  
Also used from crowd control and to designer areas  
and routes at ski resorts , sports field etc.

Temperature -40°C to +200°C

Sizes : 1 Mtr x 50 mtr



## Safety Vest Mesh type

FEATURES : Polyester Knitted Fluorescent Fabric  
Net Type With 2 Grey Reflective Stripes

In Front And Back With Velcro Closure.

COLOR : Orange & Yellow



# ROAD SAFETY EQUIPMENT



## High Visibility Safety Vest

100% polyester fluorescent fabric with 2 vertical & 2 horizontal hi-vis reflective tapes, Velcro enclosure. 5 cm normal light reflective tape  
Fluorescent Yellow & Fluorescent Orange  
ANSI/ISEA 107-2010 Class 2 European Norm  
EN ISO 20471:2013

## Executive Fabric Vest With 5 Pocket

FEATURES : Fabric Vest with High Quality Reflective and Zip Closure.

COLOR : YELLOW

SIZES : S - 5XL

Fabric Weight: 165 gsm

Model : SBQ



## Hi-Vis Executive Vest Yellow with Zipper

100% polyester knit fluorescent fabric with orange/yellow piping  
4 pockets with upper pen pockets.  
186 Gsm.  
2 vertical & 1 horizontal high-visibility grey/orange grey/yellow reflective  
Fluorescent yellow & fluorescent orange  
ANSI/ISEA 107-2010 Class 2 European Norm  
EN ISO 20471:2013

## Polo I, Polo Full Sleeves T-Shirt, 130 GSM with 4 Reflective Tapes

Material: 100% polyester

Birdseye fabric

Pockets: One patch pocket

Tape: 5cm retro reflective taps  
2 horizontal + 2 verticals + 2 tapes on arms

Color: Yellow & orange



# UNIVERSAL SPILL KITS / OIL PAD / OIL BOOMS



This portable compact 120LTR Wheelie Bin General Purpose Spill kit is perfect for most industrial/commercial applications - Designed to clean up a broad range of liquids and chemicals, oil, grease and general spills.



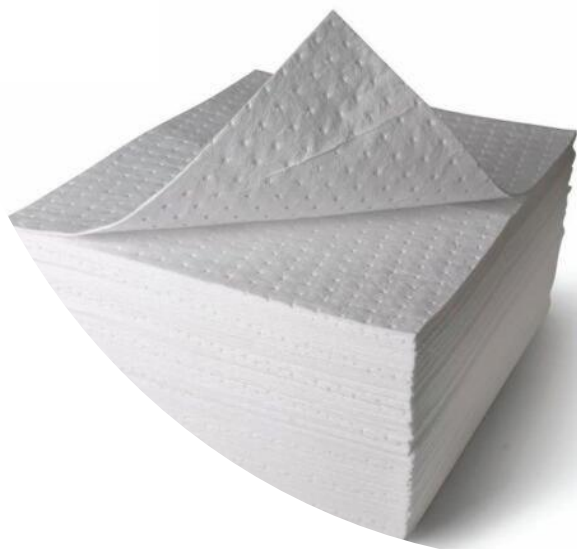
This portable compact 120LTR & 20LTR Polybag General Purpose Spill kit is perfect for most industrial/commercial applications - Designed to clean up a broad range of liquids and chemicals, oil, grease and general spills.



Wheelie Bin For Spill Kit



# UNIVERSAL SPILL KITS / OIL PAD / OIL BOOMS



Oil and Fuel Absorbent Pads absorb hydrocarbon-based fluids and repel water. These types of pads are most commonly used to skim oil off of water during an oil spill emergency, but they are also used for everyday maintenance applications inside manufacturing/production facilities.

- Absorb petroleum and petroleum based liquids while repelling aqueous solutions.
- The natural white material easily alerts you to machine leaks as well as current saturation level
- Pads are ideal for catching drips and soaking up spills on water or land.
- Pads can be wrung out and incinerated after use..

Heavy Duty	40cm x 50cm x 4mm	100pcs per Bale
------------	-------------------	-----------------

The Oil And Fuel Absorbent Boom is a versatile containment product designed for spill containment and cleanup in both land and water locations. Perfect for use around marinas, ports, harbors, industrial facilities, and more, these booms are **easy to store, fast to deploy, and ideal for immediate spill response.**

All sorbent booms are covered in a UV resistant polyester netting with an interior absorbent that is **equipped to absorb oil while repelling water.** Each boom features steel rings at the end of the boom that can be linked together to form extended lengths around your facility.

These large marine oil and fuel absorbent booms:  
Are a heavy duty, long-term or emergency deployment absorbent boom.

Include internal floats which enable the boom to float and provide a containment barrier even when fully saturated with oil.

Feature a heavy-duty, knitted outer mesh sleeve to provide tensile strength and UV protection.

Are naturally buoyant.

Used booms can be squeezed and re-used.

Feature fast and simple snap hook joiners at each end of the boom to allow multiple booms to be joined together.

Are highly water-repellent and oleophilic (attract oil).

Lightweight and simple to use and deploy without the need for specialized PPE.

Absorbent capacity: Up to 80 litres per boom.





# FALL PROTECTION



## Full Body Harness (Rhino Harnesses)

Ref No: PN21

- Attachment Elements – A Dorsal attachment D- Ring for Fall Arrest
- Adaptability – Adjustable shoulder and thigh-straps; Sliding Plates for easy adjustment of Chest-Strap
- Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme
- Ergonomics – Ideally positioned sit-strap for extended comfort
- Conforms to EN 361:2002, CE
- Weight : 1100gms

## Energy Absorbing Forked Webbing Lanyard Double Lanyard

Ref No: PN361

- Made of 44mm wide polyester webbing.
- Length 1.5 m, 1.8 m, 2.0 m.
- PN 112 with Energy Absorber PN 300 at one end and two Steel Scaffold Hook PN 131 at other ends.
- Conforms to EN 355:2002 + VG11/PFE 63 (Additional Static Strength Test)



## Cross Arm Strap

Ref No : PN 803

- Made up of 44mm wide Polyester Webbing
- Length : 1.2mtr. or as requested
- Has a D-Ring at one end and textile loop at the other end
- Strength : Min 18 kN for 3 minutes
- Conforms to EN 795 : 2012 Type B

## Steel Quarter Turn Locking Karabiner

Ref No : PN 113

- Material: Alloy Steel
- Gate Opening: 22.0mm
- Minimum Breaking Strength: 40 kN
- Finish Available: Silver/Golden Yellow Galvanized
- Net Weight: 236.0gm
- Conformity: EN 362:2004 Class B



# FALL PROTECTION



## Horizon Temporary Horizontal Webbing Anchorage Line

Ref : Horizon PN 3000

- The Horizon- PN 3000 is a Horizontal Anchorage Life Line made up of 30 mm Polyester Webbing equipped with the KARAM Ratchet Tensioner that allows easy tensioning of the lifeline between two structures. Both the ends are provided with Auto Locking Steel Karabiners (Our Ref PN 113)
- The whole system is supplied in a bag , which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable shoulder hanging straps provided in the bag.
- Once fitted, you can easily put back the extra webbing not deployed along the length, into the Bag.
- Conforms to EN 795:1996, Class B
- Available Length- Total 20m, thus the user can use it for a length ranging from 5m to 20m.
- Tested & Certified for use by Two Users simultaneously.

## Twisted Rope Anchorage Line (to be used with KARAM Fall Arrester)

- Made of 3-Strand Polyamide Twisted Rope of dia 14 mm.
- One side loop; other side end stop knot. (Also Available with Both Side Loops)
- **Length –**
  - 10m Ref. Anchor PN 910
  - 20m Ref. Anchor PN 920
  - 30m Ref. Anchor PN 930
  - 40m Ref. Anchor PN 940
  - 50m Ref. Anchor PN 950
  - 100m Ref. Anchor PN 9100
  - 150m Ref. Anchor PN 9150
  - 200m Ref. Anchor PN 9200
- Longer lengths are also available on request



## ➤ Kernmantle Rope Anchorage Line (to be used with KARAM Fall Arrester) (12mm)

- Made of Polyester Kernmantle Rope of dia 12 mm.
- One side loop; other side end stop knot. (Also Available with Both Side Loops)
- **Length –**
  - 10m Ref. Anchor PN 910 (KRAL12)
  - 20m Ref. Anchor PN 920 (KRAL12)
  - 30m Ref. Anchor PN 930 (KRAL12)
  - 40m Ref. Anchor PN 940 (KRAL12)
  - 50m Ref. Anchor PN 950 (KRAL12)
- Longer lengths are also available on request

# FALL PROTECTION



## ➤ Retractable Block Polymer Casing with G.I. Wire Rope

- Ref : PCGS 06; PCGS 10; PCGS 15
- Casing made up of high impact strength Polymer, to prevent breakage and is nearly indestructible.
- Comes in Galvanized Steel Wire Rope of dia 4.5mm.
- Has PN 162 Hook with Load Indicator at attachment end.
- Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
- Minimum Breaking Strength is 12kN.
- Conforms to EN 360:2002.

Model	Length of Webbing	Weight (Kg)
PCGS 06	6 mtr	2.97
PCGS 10	10 mtr	3.88
PCGS 15	15 mtr	6.40

## ➤ Micron Retractable Fall Arrester Block

➤ Ref : MIC 02

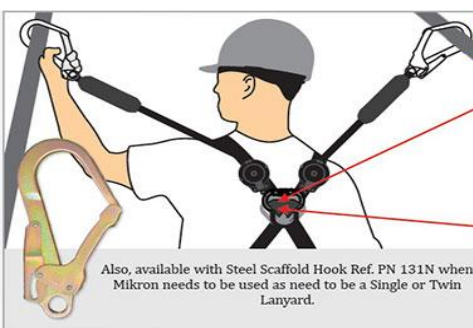
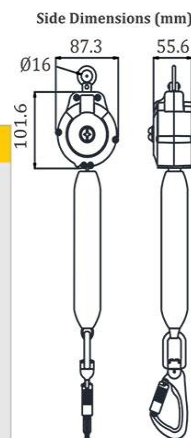
➤ Micron Block is the lightest Retractable Fall Arrester Block in its Range. It comes in a NEW SMART and STYLISH design with different Hook options for you to chose from.

Incorporated with robust & durable casing, this Mikron Block is extremely light in weight & easy to carry. It is made up of finest material for longevity and extended use.

- Extremely light in weight, weighing less than 600 gms (excluding Hook).
- Has inbuilt textile Energy Absorber with protective cover on it.
- Material : Robust and durable polymer casing.
- Maximum length of Retractable Webbing – 2 mtrs.
- Attachment End : Comes with Aluminum Swivel Quarter Turn Locking Hook PN 130 having impact indicator.
- Can be used Horizontally.
- Can also be used when Anchor Point is at the foot level.
- Minimum Breaking Strength : 15 kN.
- Conforms to : EN 360:2002, VG 11 # 11.060. It passes the test for Fall Factor 2.

### ➤ Unique Features :

- Fall distance is minimal as compared to EA Lanyards hence Retrieval of fall victim is easier
- Pocket sized
- Can be easily carried and is user friendly



Now use the MiAron as a Single / Twin lanyard



Available with Mono SRL Connector Ref. PN 170 and Twin Retractable Block Connector Ref. PN 169 to attach 2 Mikron blocks directly with user's Harness at the dorsal part. This enables usage like a single/twin lanyard. No additional connector is required. Also, it reduces the length of swing during the fall thereby preventing the impact of the Block on the user.

Also, available with Steel Scaffold Hook Ref. PN 131N when Mikron needs to be used as need to be a Single or Twin Lanyard.



# FALL PROTECTION



## ➤Twin Retractable Block

- Ref : ALWB 2×2
- Casing made up of high strength and sturdy Aluminum Alloy.
- Comes in 25mm Width Webbing.
- Includes two Scaffold Hooks PN 131 at anchorage ends.
- Anchorage Eye has swivel action. Prevents undue twist of rope while working or in the event of a Fall.
- USE : To be used wherever the user needs a greater freedom of movement and needs to pass obstacles while remaining anchored at all times.
- Minimum breaking strength > 15kN
- Conforms to EN 360:2002

Model	Length of Webbing	Weight (Kg)
ALWB2x2	2 mtr	2.63

## ➤Suspension Intolerance Strap

- Ref : STS 01(N)
- The KARAM Suspension intolerance Strap can be used by a victim of fall to combat ill effects of Suspension Trauma , while he waits for his rescue, suspended in his harness. This strap is provided placed inside 2 light weight zipped pouches , which can be conveniently worn on the Thigh Straps on both left & right sides of the Harness with the help of textile loop & Velcro. In the event of a fall , the victim can easily zip-open the pouches & attach together the deployed webbing straps with the help of convenient buckle.
- Extremely effective; specially designed to help relieve the negative effects of Suspension Trauma.
- Compact and Light-weight. Does not hamper with the activity of the worker while at work.
- Allows the suspended worker to stand up in his harness to relieve pressure.
- Easy to attach to the Harness with the help of the textile loop and Velcro provided.
- Easy deployment; operation is fool-proof.



## ➤Tools Lanyard

- Ref : TL 01(N)
- Accidents are also known to occur when tools fall from the hand of a worker who is using them while working at a height. KARAM introduces a new TOOL Lanyard which can be connected to the belt of the Harness at one end & has a loop at the other end to hold a tool of weight of up to 10kg.
- Made of 20mm wide Tubular Webbing.
- Convenient stretch-lanyard for Tool Holding.
- Provided with a light-weight karabiner for attachment to the user's belt.
- Can hold tools upto 10kg.
- Relaxed Length : 85cm
- Expanded Length : 135cm
- Also Available in Fluorescent Orange / Green Colour



# FALL PROTECTION

## ➤Twin Tools Lanyard

➤Ref : TL 02(N)

➤Accidents are also known to occur when tools fall from the hand of a worker who is using them while working at a height. KARAM introduces a new TOOL Lanyard which can be connected to the belt of the Harness at one end & has a loop at the other end to hold a tool of weight of up to 10kg.

➤This lanyard comes as a bright coloured elasticated 16mm tubular webbing, having a relaxed length of 85 cm (so that the lanyard does not unnecessarily come in the way while working), and extended length of 135cm (to allow maximum reach while using the tool).

➤The Y-shaped lanyard allows the user to attach and carry 2 tools.

➤The Lanyard can be easily attached to the Waist belt of the Harness with the help of a light-weight Karabiner.

➤Convenient 'Y'stretch-Lanyard for Tool Holding.

➤Provided with a light-weight Karabiner for attachment to the user's belt.

➤Can holds Tools up to 10kg

## ➤Tripod

➤Ref : PN 800

➤Tripod is one such product that can be used for easy access by a worker into confined spaces such as Man-holes, Tanks, etc. It provides a means of controlled ascent and descent, as well as protection from falls, should the depth of the space require it.

➤Comes with double integral head mounted pulleys which is permanently incorporated in the cast aluminum head of the Tripod and provides independent passing over of cable from a winch and a retrieval block.

➤For access in confined spaces.

➤With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable.

➤Having two auxiliary eye bolts as attachment points.

➤Aluminum alloy cast head, legs in Aluminum.

➤Steel support-shoes provided with rubber sole to increase friction and impart more stability.

➤Strength of anchorage point greater than 15 kN.

➤Every Tripod is provided with inbuilt fixture for attaching our winch PN 801, PN 817, PN 801(40) (can be supplied without this fixture on special request).

➤PN 800 (7ft) can also be used with Retrieval Fall Arrester Blocks PCGS 10R, PCGS 20R & PCGS 30R with the help of their specialized mounting brackets respectively.

➤Every Tripod is provided with Tripod Bag Ref. PN 904(7ft)(BL)

## ➤Winch

➤Ref : PN 801

➤Winch Line : Galvanized Steel wire rope of dia 4.8mm

➤Length of cable : 20 & 25m

➤Connector : Steel Screw Locking Karabiner Ref. PN 112

➤Maximum lifting load capacity as per EN 1496 : 135 kgs

➤Maximum lifting load capacity as per machine directive 2006/42/EC : 250 kgs

➤Compatibility : Can be mounted on Tripods, Megapod, Hexapod & K-Pod with the help of their universal mounting brackets respectively

➤Conforms to : EN 1496:2017 (Class A)



# FALL PROTECTION



**TOWER HARNESS**  
PN 56



**GRIP DESCENDER**  
PN 401 (113)



**STEEL QUARTER TURN LOCKING  
KARABINER**  
PN 113 (6 Nos.)



**ROPE GRAB BLOCKER**  
RG 07(113)



**KERNMANTLE ROPE ANCHORAGE  
LINE**  
PN 950 (KRKD11)(121)(50m)(2 Nos.)



**CROSS ARM STRAP**  
PN 803 (1.2mtr)(2 Nos.)



**WORK POSITIONING LANYARD**  
PN 245 (2.0m)



**KERNMANTLE ROPE EA FORKED  
LANYARD**  
PN 341N (1.5m)



**CROSS ARM STRAP**  
PN 808



**WEBBIING COWS TAIL**  
PN 401W (20cm)



**KNIFE**



**DELUXE UNIVERSAL KIT BAG**  
BG 63

## ➤ **Rescue Kit**

➤ Ref : PN 652

➤ KARAM Provides a range of Self Contained Kits for ready use in various applications. The Kits contain standard equipment and can be customized as per specific need.

## ➤ **Distinctive Features of Kit :**

- Immediate Rescue equipment contained in the Kit enables immediate rescue of a personnel when suspended at height after suffering a fall.
- Conforms to all relevant CE norms.
- Comes with Easy Back Packable Carrying bag.
- Different lengths of ropes available as per the requirement.

## ➤ **Confined Space Entry Kit with Tripod**

➤ Ref : PN 654

➤ This Kit is meant for personnel who are required to move into and for retrieval of personnel from Confined Spaces.

## ➤ **Distinctive Features of Kit :**

- Comprehensive KIT for lifting and lowering materials and personnel.
- Provides Safety to the personnel from falling into confined spaces.
- Comes with Sturdy bag with Slings for easy Carrying.
- Conforms to all relevant CE norms



**TOWER HARNESS**  
PN 56



**TOOLS LANYARD**  
TL01(N)(2Nos.)



**TRIPOD BAG**  
PN 904 (7ft) (BL)



**WINCH**  
PN 801(DP)



**RETRIEVAL FALL ARRESTER  
BLOCK**  
PCGS20R(N)



**TRIPOD**  
PN 800 (DP)(7ft)



**MOUNTING BRACKET**  
PN 800(45)  
for installing PCGS 20R on  
PN 800 (DP)(7FT)



# LIFTING EQUIPMENT & MARINE TACKLES

## CHAIN BLOCK & LEVER HOIST

### DESCRIPTION

- ▶ Compacted design & light weight.
- ▶ Heat treated body, shaft & gears.
- ▶ Precised forged high strength chain cover that prevent the outside dust and outside impact.
- ▶ Forged lifting and suspension hooks, with safety latches.
- ▶ T80 High strength load chain, high safety factor, long service life.
- ▶ Heavy duty guide roller and chain separator to ensure easy performance.
- ▶ Comes with international style of packaging.
- ▶ Spares are available for suspension hook latch kit and friction disc.

**Standard:** BS EN 13157:2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL



Model	WLL (T)	Height of Lift (m)
CB-500	0.5	3
CB-1000	1	3
CB-1500	1.5	3
CB-2000	2	3
CB-3000	3	3
CB-5000	5	3
CB-10000	10	6
CB-15000	15	6
CB-20000	20	6
CB-30000	30	6

**Standard** : BSEN 13157:2004  
**Material** : Forged Alloy Steel  
**FOS** : 4:1  
**Heat treatment** : Quenched & Tempered  
**Proof load** : 1.5 W.L.L



Moving Products



Uprooting Tree



Installing Underwater



Laying Pipelines

Model	WLL (T)	Height of Lift (m)
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LH-750	0.75	3
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LH-1000	1	3
---------	---	---

LH-1500	1.5	3
---------	-----	---

LH-3000	2	3
---------	---	---

LH-6000	3	3
---------	---	---

LH-9000	5	3
---------	---	---

### DESCRIPTION

- ▶ Compacted design & light weight.
- ▶ Heat treated body, shaft & gears.
- ▶ Precised forged high strength chain cover that prevent the outside dust and outside impact.
- ▶ T80 High strength load chain, high safety factor, long service life.
- ▶ Heavy duty guide roller and chain separator to ensure easy performance.
- ▶ Comes with international style of packaging.
- ▶ Spares are available for suspension hook latch kit and friction disc.

**Standard:** BS EN 13157:2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL



**Standard** : BSEN 13157:2004  
**Material** : Forged Alloy Steel  
**FOS** : 4:1  
**Heat treatment** : Quenched & Tempered  
**Proof load** : 1.5 W.L.L



Pulling



Fastening



Lowering



Lifting

# CHAIN SLING & BEAM CLAMP

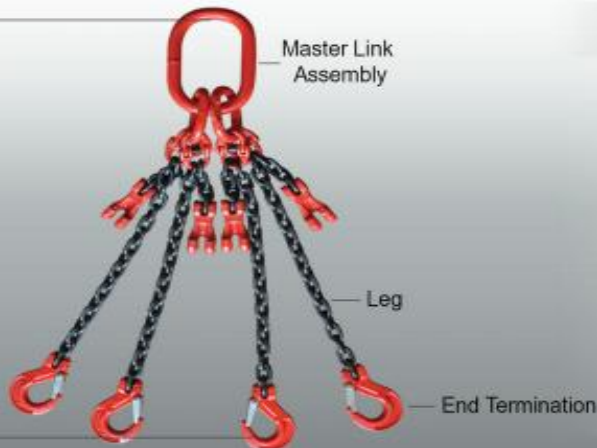
## DESCRIPTION

- Slings available with capacities from 2T – 45T
- McKAT chain sling can be custom made according to the requirements with the third party inspection.
- Our In-House Service center can repair & recertify all your chain slings.

**Standard:** BS EN 818 - 4

**FOS:** 4:1

**Proof Load:** At 200 % of WLL



## HOW TO ORDER

- **Chain size** Chain Diameter
- **Legs** Number of Legs
- **WLL** Working Load Limit (Ton)
- **EWL** Effective Working Length (meters)
- **Master Link or special** Master Link/ Master Link Assembly
- **End Termination** Grab Hook/ Sling Hook/ Self Lock Hook/ Shackle etc.
- **Lifting Angle** Angle from leg to vertical

EWL

Chain size	Single Leg	Two Leg		Three/Four Leg	
		Angle from leg to vertical		Angle from leg to vertical	
	90	0 to 45	45 to 60	0 to 45	45 to 60
8 mm	2.00	2.80	2.00	4.25	3.00
10 mm	3.15	4.25	3.15	6.70	4.75
13 mm	5.30	7.50	5.30	11.20	8.00
16 mm	8.00	11.20	8.00	17.00	11.80
18 mm	10.00	14.10	10.00	21.00	15.00
20 mm	12.50	17.50	12.50	26.50	19.00
22 mm	15.00	21.20	15.00	31.50	22.40
26 mm	21.20	30.00	21.20	45.00	31.50

Working Load Limit in Tonnes

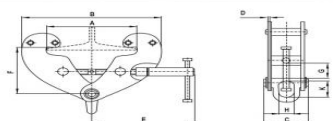
## DESCRIPTION

- Lightweight portable design.
- Jaw opening adjusts for wide range of tapered or flat-flanged beams.
- Provide shackle suspender for oversized hooks.
- Beam Clamp is individually tested and inspected with proof load.

**Standard:** BS EN 13157: 2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL



## DIAGRAM:



Model	WLL (T)	Adj Beam W (mm)
BC-1000	1	75-230
BC-2000	2	75-230
BC-3000	3	80-320
BC-5000	5	80-320
BC-10000	10	90-320

# GEAR TROLLEY, PLAIN TROLLEY, WIRE ROPE WINCH

## DESCRIPTION

- Rugged steel side plates formed to include bumpers and trolley guards.
- Equipped with specially designed contoured wheels that fit both tapered and flat-flanged beams.
- Equipped with hand chain and gear for moving heavier load easily.
- Maintenance-free, sealed precision ball bearings that offer smooth movement, with low friction and long life.
- High strength and rigidity with lightweight and compact design.
- Easily adjust trolley to fit a wide variety of beam flange width.
- To be used with hook suspended hoist.

**Standard:** BS EN 13157:2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL

Model	Rated Cap	Adj Beam W (mm)
MGT-1000	1	64-203
MGT-2000	2	88-203
MGT-3000	3	102-203
MGT-5000	5	114-203
MGT-10000	10	125-203

**Standard :** BSEN 13157:2004  
**Material :** Forged Alloy Steel  
**FOS :** 4:1  
**Heat treatment :** Quenched & Tempered  
**Proof load :** 1.5 W.L.L



Model	Rated Capacity	Adj Beam W (mm)
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MPT-500	0.5	64-152
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MPT-1000	1	64-203
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MPT-2000	2	88-203
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MPT-3000	3	102-203
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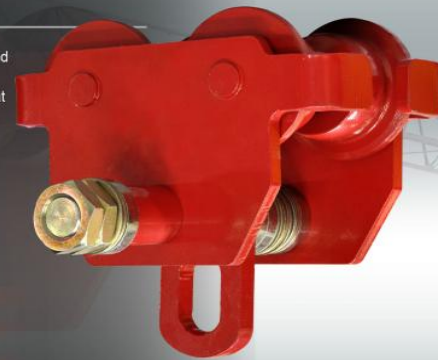
MPT-5000	5	114-203
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MPT-10000	10	125-203
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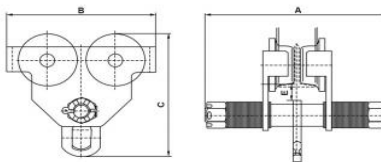
## DESCRIPTION

- ▶ Rugged steel side plates formed to include bumpers and trolley guards.
- ▶ Equipped with specially designed contoured wheels that fit both tapered and flat-flanged beams.
- ▶ Maintenance-free, sealed precision ball bearings that offer smooth movement, with low friction and long life.
- ▶ High strength and rigidity with lightweight and compact design.
- ▶ Easily adjust trolley to fit a wide variety of beam flange width.
- ▶ To be used with hook suspended hoist.

**Standard:** BS EN 13157: 2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL



## DIAGRAM:



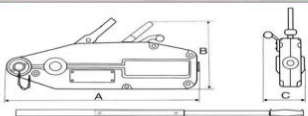
## DESCRIPTION

- ▶ Compacted design & light weight.
- ▶ High strength cast aluminum body.
- ▶ Adjustable handle for easy operation
- ▶ Galvanised steel wire rope mounted on a reel
- ▶ Built-in shearing pin to prevent over load

**Standard:** BS EN 13157: 2004  
**Material:** Forged Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 1.5 WLL



## DIAGRAM:



Model	Rated Capacity	Pulling Capacity	Rope Dia (mm)	Std Length of Rope (m)
MPT-800	0.8	1.2	8	20
MPT-1000	1.0	1.5	8	20
MPT-16000	1.6	2.4	11	20
MPT-32000	3.2	4.8	16	20



# LOAD BINDERS

## DESCRIPTION

- Design for heavy duty transport use.
- Equipped with heavy duty grab hooks.
- Heavier construction.
- Powder coated finish.
- Embossed forged marking for WLL, SIZE, CE and McKAT

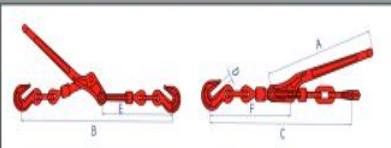
**Standard:** BS EN 12195-3  
**Material:** Body - Forged carbon steel, Hooks - Alloy Steel  
**FOS:** 3.5:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

Swivel, Ball and Socket Joint

Heavy Duty Grab Hook

Model	Chain Size(mm)	W.L.L ( KG)	Weight (kg)	Handle Length (mm)
MVL-01	6mm	1000	1650	306
MVL-02	8-10mm	2400	3600	400
MVL-04	10-13mm	4200	5700	440
MVL-06	13-16mm	6000	9000	517

## MCKAT LEVER LOAD BINDER DIAGRAM:



Car Lashing



Pipe Lashing

## DESCRIPTION

- Design for heavy duty transport use.
- Equipped with heavy duty grab hooks.
- Heavier construction.
- Powder coated finish.
- Embossed forged marking for WLL, SIZE, CE and McKAT

**Standard:** BS EN 12195-3  
**Material:** Body - Forged carbon steel, Hooks - Alloy Steel  
**FOS:** 3.5:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

Easy operating Ratchet Mechanism

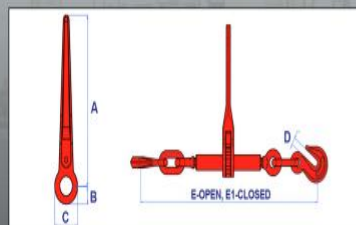


Heavy Duty Grab Hook



Smooth Barrel Screw System

## MCKAT RATCHET LOAD BINDER DIAGRAM:



Car Lashing



Pipe Lashing

### Model

### Chain Size(mm)

### W.L.L ( KG)

### Weight (kg)

### Handle Length (mm)

MVR01	6mm	1000	1650	210
MVR02	8-10mm	2400	4700	355
MVR04	10-13mm	4200	5100	355
MVR06	13-16mm	6000	7200	356

# BOW SHACKLE

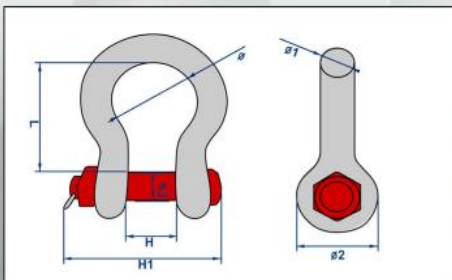
## DESCRIPTION

- Hot - dipped galvanized body.
- All Shackles are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT.

<b>Standard:</b>	BS EN 13889
<b>Material:</b>	Body - Forged carbon steel, Pin - Alloy Steel
<b>FOS:</b>	6:1
<b>Heat Treatment:</b>	Quenched & tempered
<b>Proof Load:</b>	At 200 % of WLL
<b>Colour Code:</b>	Body - Silver, Pin - Red



## DIAGRAM:



## BOW SHACKLE SPECIFICATION:

ARTICLE NO.		SIZE(mm)	WLL (T)	DIMENSIONS (mm)								NET WT. (kg)	
Screw Pin	Nut & Bolt			Ø	Ø 1	Ø 2	Ø 3	H	H1	H1	L	Screw Pin	Nut & Bolt
MSB - 101	MSB - 201	3/8"	1	26.2	10.0	25.0	11.2	17.0	51.5	56.5	36.5	0.13	0.17
MSB - 102	MSB - 202	1/2"	2	33.3	12.7	30.5	15.8	20.6	67.5	75.5	47.8	0.31	0.37
MSB - 103	MSB - 203	5/8"	3.25	43.0	16.0	40.0	18.8	27.0	85.0	92.0	60.0	0.63	0.72
MSB - 104	MSB - 204	3/4"	4.75	51.0	19.0	48.0	22.0	32.0	98.5	106.0	71.5	1.04	1.14
MSB - 106	MSB - 206	7/8"	6.5	58.0	22.0	54.0	25.0	37.0	114.0	120.0	84.5	1.53	1.73
MSB - 108	MSB - 208	1"	8.5	68.5	26.5	60.0	28.0	43.5	129.5	135.0	96.2	2.35	2.51
MSB - 109	MSB - 209	1-1/8"	9.5	75.0	29.0	68.0	32.0	48.0	144.0	143.0	109.0	3.45	3.75
MSB - 112	MSB - 212	1-1/4"	12	84.0	32.0	76.0	35.0	53.0	157.0	164.0	120.5	4.61	4.83
MSB - 113	MSB - 213	1-3/8"	13.5	94.0	35.0	84.0	38.0	59.0	171.0	182.0	134.0	6.17	7.18
MSB - 117	MSB - 217	1-1/2"	17	99.0	38.0	92.0	42.0	62.0	190.0	195.0	148.5	7.81	8.41
MSB - 125	MSB - 225	1-3/4"	25	128.0	45.0	106.0	50.0	75.0	225.0	224.0	178.0	13.1	15.4
MSB - 135	MSB - 235	2"	35	148.0	52.0	122.0	55.0	84.0	253.0	248.0	197.0	20.4	23.7
MSB - 155	MSB - 255	2-1/2"	55	186.0	66.0	145.0	70.0	107.0	318.0	302.0	269.5	40.0	44.0
MSB - 185	MSB - 285	3"	85	205.0	76.0	165.0	80.0	130.0	382.0	395.0	325.0	59.0	63.0



# D SHACKLE

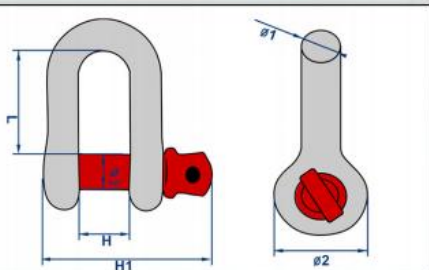
## DESCRIPTION

- Hot - dipped galvanized body.
- All Shackles are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT.

<b>Standard:</b>	BS EN 13889
<b>Material:</b>	Body - Forged carbon steel, Pin - Alloy Steel
<b>FOS:</b>	6:1
<b>Heat Treatment:</b>	Quenched & tempered
<b>Proof Load:</b>	At 200 % of WLL
<b>Colour Code:</b>	Body - Silver, Pin - Red



## DIAGRAM:



## D SHACKLE SPECIFICATION:

ARTICLE NO.		SIZE(mm)	WLL (T)	DIMENSIONS (mm)							NET WT. (kg)	
Screw Pin	Nut & Bolt			Ø 1	Ø 2	Ø 3	H	H1	H1	L	Screw Pin	Nut & Bolt
MSD - 101	MSD - 201	3/8"	1	10.0	25.0	11.2	17.0	53.5	57.5	30.9	0.13	0.15
MSD - 102	MSD - 202	1/2"	2	12.7	31.0	15.8	20.6	70.3	74.5	41.4	0.29	0.33
MSD - 103	MSD - 203	5/8"	3.25	16.0	40.0	19.0	27.0	88.0	93.0	51.0	0.59	0.65
MSD - 104	MSD - 204	3/4"	4.75	19.0	48.0	22.0	32.0	101.0	107.0	63.0	0.99	1.08
MSD - 106	MSD - 206	7/8"	6.5	22.0	54.0	25.0	37.0	117.0	121.0	72.0	1.46	1.52
MSD - 108	MSD - 208	1"	8.5	26.5	60.0	28.0	43.5	137.0	137.0	81.7	2.07	2.52
MSD - 109	MSD - 209	1-1/8"	9.5	29.0	68.0	32.0	48.0	145.5	145.0	94.0	3.11	3.43
MSD - 112	MSD - 212	1-1/4"	12	32.0	76.0	35.0	53.0	161.0	167.0	102.0	4.11	4.93
MSD - 113	MSD - 213	1-3/8"	13.5	35.0	84.0	38.0	59.0	178.0	185.0	113.5	5.28	6.01
MSD - 117	MSD - 217	1-1/2"	17	38.0	92.0	42.0	62.0	194.5	198.0	123.0	7.24	8.40
MSD - 125	MSD - 225	1-3/4"	25	45.0	106.0	50.0	75.0	228.0	227.0	148.0	12.1	14.7
MSD - 135	MSD - 235	2"	35	52.0	122.0	56.0	84.0	255.0	250.0	174.0	19.2	21.2
MSD - 155	MSD - 255	2-1/2"	55	63.5	145.0	70.0	107.0	317.0	299.0	205.5	38.0	40.0



# MASTER LINK & MASTER LINK ASSY

## DESCRIPTION

- Use for 1 or 2 legs wire rope and chain sling.
- All master link are individually inspected and tested with proof load.
- Embossed forged marking for WLL, CE and McKAT

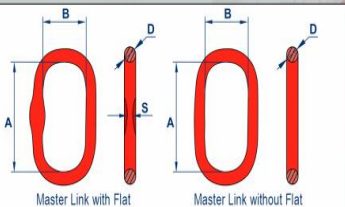
**Standard:** BS EN 1667  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



Forged Marking

Technical standard conformity

## DIAGRAM:



Article no	W.L.L (T)	A (mm)	B (mm)	D (mm)
MM-03	3.8	120	70	16
MM-05	5.8	170	90	20
MM-06	6.4	300	210	25
MM-10	10	190	100	25
MM-105	10.5	270	140	28
MM-11	11	300	210	32
MM-12	12.7	210	110	28
MM-15	15.2	270	140	32
MM-19	19	270	140	38
MM-21	21.2	300	180	45
MM-31	31.5	380	200	50
MM-45	45	400	200	55
MM-56	56	430	220	60
MM-70	70	450	250	70

Article no	W.L.L (T)	A (mm)	B (mm)	D (mm)
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## MASTER LINK ASSY FOR CHAIN SLING

MA-04	4.25	160	95	22
MA-06	6.7	200	120	30
MA-11.2	11.2	240	140	34
MA-14	14.5	200	110	28
MA-17	17	250	150	40
MA-23	23	270	140	36
MA-26	26.5	300	180	45
MA-31	31.5	380	200	50
MA-45	45	400	200	55
MA-67	67	430	220	60

## MASTER LINK ASSY FOR WIRE ROPE SLING

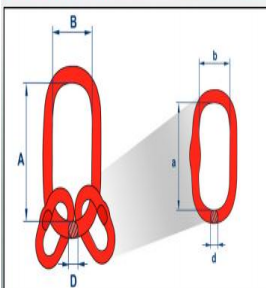
MA-05	5.8	170	90	20
MA-07	7.6	170	90	22
MA-08	8.5	160	90	22
MA-10	10	190	100	25
MA-11.8	11.8	270	140	28
MA-12	12.7	210	110	28
MA-15	15.2	270	140	32
MA-17.1	17.1	270	140	32
MA-22	22.3	270	150	38
MA-28	28.1	280	155	40
MA-33	33.5	340	180	45
MA-35	35	320	170	45
MA-40	40	380	200	50
MA-58	58	430	220	60
MA-60	60	410	250	60

## DESCRIPTION

- Use for 3 or more legs wire rope and chain sling.
- All master link assembly are individually inspected and tested with proof load.
- Embossed forged marking for WLL, CE and McKAT

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Construction:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



McKAT originality

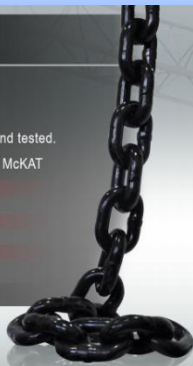
Forged Marking

# GR-80 LOAD CHAIN

## DESCRIPTION

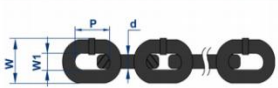
- High tensile steel.
- Used for making slings for lifting.
- All load chain links are individually inspected and tested.
- Embossed forged marking for chain grade and McKAT

**Standard:** BS EN 818  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Graphite Black



Article no	W.L.L (T)	DIA(mm)	PITCH (mm)	W (mm)	W (mm)
MCG-08	2.00	8.0	24	10.4	29.6
MCG-10	3.15	10.0	30	13	37
MCG-13	5.30	13.0	39	16.9	48.1
MCG-16	8.00	16.0	48	20.8	59.2
MCG-18	10.00	18.0	54	23.4	66.6
MCG-20	12.50	20.0	60	26	74
MCG-22	15.00	22.0	66	28.6	81.4
MCG-26	21.20	26.0	78	33.8	96.2
MCG-32	31.50	32.0	96	41.6	118

## DIAGRAM:



# CLEVIS CHAIN CLUTCH

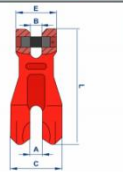
Article no	W.L.L (T)	A(mm)	B(mm)	C(mm)	E(mm)	L(mm)
MU-08	2	9.5	9.5	45	36	101
MU-10	3.15	13	13	55	48	138
MU-13	5.3	16	16	75	59	117
MU-16	8	21	21	93	73	220
MU-20	12.5	22	22	99	78	238
MU-22	15	25.5	25.5	118	98	295

## DESCRIPTION

- Use for shortening the required length of chain.
- Designed to use with grade 80 alloy steel chain.
- All shortening clutch are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for load pin.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



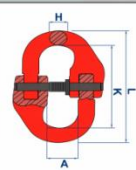
# CONNECTING LINK

## DESCRIPTION

- Use for connecting alloy steel chain to different components.
- Designed to use with grade 80 alloy steel chain.
- All connecting links are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for coupling pin and double - sleeve set.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



Article no	W.L.L (T)	H(mm)	A(mm)	K(mm)	L(mm)
MN-08	2	8.5	18	60.5	79.5
MN-10	3.15	10.8	25	68	93
MN-13	5.3	15	29	87	117
MN-16	8	19.8	34.5	108.4	148
MN-18	10	21	38	112	154
MN-20	12.5	24	41	121.5	169.5
MN-22	15	26	48	141.5	193.5
MN-26	21.2	30	57.5	158	220
MN-32	31.5	37	67	205	281



# WEBBING CONNECTING LINK

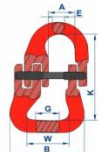
Article no	W.L.L (T)	A(mm)	B(mm)	K(mm)	W(mm)	G(mm)	E(mm)
MNW-08	2.0	20	61.5	63.7	40	24	9.5
MNW-10	3.15	24	66	83	39	30.5	11
MNW-13	5.3	28	88	93.7	55	36.8	16.5
MNW-16	8	34.5	108	120	65.5	45.2	19.8
MNW-20	12.5	41	129	138	80	51.8	23
MNW-22	15	50	191	180	126	70	26
MNW-26	21.2	58	228.4	209.5	152	86	30
MNW-32	31.5	72.5	252	279	160	91	37

## DESCRIPTION

- Use for connecting webbing to different components.
- All webbing connecting links are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for coupling pin and double - sleeve set.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



# CLEVIS SLING HOOK

## DESCRIPTION

- Designed to use with grade 80 alloy steel chain.
- All clevis hooks are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for load pin and safety latch.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



Article e no	W.L.L (T)	A(mm)	B(mm)	D(mm)	H(mm)	K(mm)	E(mm)
MHC-08	2	9.5	37	37	32.5	85.5	29
MHC-10	3.15	13	49	46	35	104	39
MHC-13	5.3	16.5	56.5	56	42.5	128	47
MHC-16	8	21.5	70.5	60	54	150	55
MHC-20	12.5	24	77	79	58	180	61
MHC-22	15	27	91	101	62	213	72
MHC-26	21.2	30	117	115	75	250	85
MHC-32	31.5	35	150	140	88	317	106

# EYE - SLING HOOK

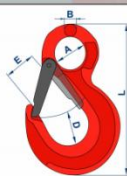
Article no	W.L.L (T)	A(mm)	B(mm)	D(mm)	E(mm)	L(mm)
MHE-08	2	25	11	26	30	133
MHE-10	3.15	38	15	39	34	167
MHE-13	5.3	43	19	54	39	213
MHE-16	8	50	23	64	46	255
MHE-20	12.5	62	24	80	40	305
MHE-22	15	62	32	80	71	348
MHE-26	21.2	64	35	82	81	394
MHE-32	31.5	88	37	112	102	480

## DESCRIPTION

- Designed to use for lifting slings.
- All eye - sling hook are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for safety latch.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:





# CLEVIS SELF LOCK HOOK

## DESCRIPTION

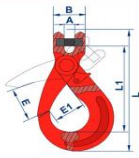
- Designed to use with grade 80 alloy steel chain.
- All clevis self lock hook are individually inspected and tested with proof load.
- Enhance safety with positive lock latch.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for load pin and positive lock trigger kit.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



Article no	W.L.L (T)	A(mm)	B(mm)	E(mm)	E1(mm)	L(mm)	L1(mm)
MHCS-08	2	9.5	38.5	40	35.8	161	119.3
MHCS-10	3.15	12.5	46	50	45	195	142
MHCS-13	5.3	15	59	60	52.5	249	179
MHCS-16	8	18.5	77	65	63.3	310	224.8
MHCS-20	12.5	25	77	80	86	335	238.3
MHCS-22	15	25	97.5	83	76	392	277
MHCS-26	21.2	30	113	106	96	450	312
MHCS-32	31.5	35	150	140	135	589.6	416

## DIAGRAM:



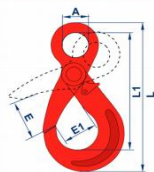
# EYE-SELF LOCK HOOK

## DESCRIPTION

- Designed to use for lifting slings.
- All eye - self lock hook are individually inspected and tested with proof load.
- Enhance safety with positive lock latch.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for positive lock trigger kit.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



Article no	W.L.L (T)	A(mm)	E(mm)	E1(mm)	L1(mm)	L(mm)
MHES-08	2	25	40	35.8	136	175
MHES-10	3.15	34.5	50	45	168	214
MHES-13	5.3	40	60	52.5	207	268
MHES-16	8	50	65	63.3	254	332
MHES-20	12.5	64.5	80	86	274.5	332
MHES-22	15	70	83	76	319	415
MHES-26	21.2	80	106	96	362	472
MHES-32	31.5	105	140	133	470	614

# GRAB HOOK

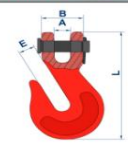
## DESCRIPTION

- Use for shortening or holding required length of chain.
- For use with Grade 80 alloy steel chain.
- All grab hook are individually inspected and tested with proof load.
- Embossed forged marking for WLL, SIZE, CE and McKAT
- Spares are available for load pin.

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



## DIAGRAM:



Article no	W.L.L (T)	A(mm)	B(mm)	E(mm)	L(mm)
MHG-08	2	10	30.5	11.2	93
MHG-10	3.15	13	35	12.7	114.5
MHG-13	5.3	19	47	17	144
MHG-16	7.2	23	56	20	177

# CONTAINER LUGS

## DESCRIPTION



- Used for lifting containers.
- All container lugs are individually inspected with proof load
- Embossed forged marking for WLL, SIZE, CE, and McKAT

**Standard:** BS EN 1677  
**Material:** Forged Super Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

Article no	W.L.L (T)	A (mm)	D (mm)	d (mm)	E (mm)	H (mm)	h (mm)	L (mm)	M (mm)
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### CONTAINER LUG STRAIGHT TYPE

MHLS	12.5	46	70	25	48	166	25	265	75
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### CONTAINER LUG LEFTTYPE

MHLL	12.5	46	70	25	48	166	25	265	75
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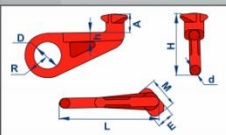
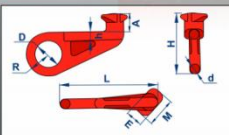
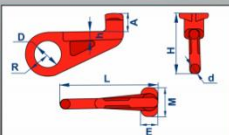
### CONTAINER LUG RIGHT TYPE

MHLR	12.5	46	70	25	48	166	25	265	75
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DIAGRAM: STRAIGHT TYPE

DIAGRAM: LEFT TYPE

DIAGRAM: RIGHT TYPE



# LARGE OPENING CONTAINER HOOK

## DESCRIPTION

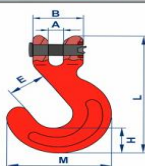
- Used for lifting container.
- All large opening container hook are individually inspected and tested with proof load.
- Embossed forged marking for WLL, CE and McKAT.

**Standard:** BS EN 1677  
**Material:** Forged Super Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



Article no	W.L.L (T)	A(mm)	B(mm)	E(mm)	H(mm)	M(mm)
MHO-13	5	16	54.5	58.4	37	127

DIAGRAM:

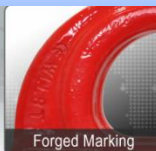


# WELD ON HOOK

## DESCRIPTION

- Used as attachment to mobile lifting equipment.
- Better welding quality.
- Spares are available for forged latch.
- Embossed forged marking for WLL, CE and McKAT

**Standard:** BS EN 1677  
**Material:** Forged Super Alloy Steel  
**FOS:** 5:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** 200 % of WLL  
**Colour Code:** Red



Article no	W.L.L (T)	B(mm)	C(mm)	E(mm)	L(mm)	M(mm)	P(mm)
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MHW-02	2	92	67	30	114	23.3	34
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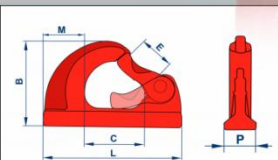
MHW-03	3.2	106	73.5	33.2	129	33.6	36
--------	-----	-----	------	------	-----	------	----

MHW-05	5.3	133	94	39	171	44	43.5
--------	-----	-----	----	----	-----	----	------

MHW-08	8	136.5	94	35	177	44	51
--------	---	-------	----	----	-----	----	----

MHW-10	10	169.5	134.5	50.54	223	54.7	53
--------	----	-------	-------	-------	-----	------	----

DIAGRAM:



# FORGED D RING

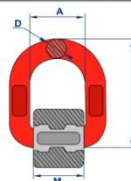
Article no	W.L.L (T)	A(mm)	B(mm)	D(mm)	M(mm)
MHD-01	1.12	41	78.5	13	37
MHD-02	2	42	88	14	40
MHD-03	3.15	45	94	17	42.5
MHD-05	5.3	55	118	22	50
MHD-08	8	70	141	26.5	66.5
MHD-15	15	97	188	34	90

## DESCRIPTION

- Used as lifting attachment to lift machinery and equipment.
- Better welding quality.
- Embossed forged marking for WLL, SIZE and CE

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red

## DIAGRAM:



Forged WLL Marking

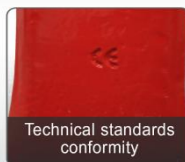
Technical standards conformity

# BARREL CLAMP

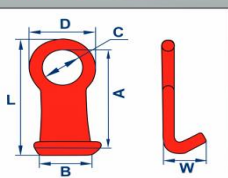
## DESCRIPTION

- Used for lifting metal drum/barrel.
- All barrel hooks are individually inspected with proof load
- Embossed forged marking for WLL, SIZE, CE, and McKAT

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



## DIAGRAM:



Article no	W.L.L (T)	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	W(mm)
MHB-01	1	109	60	38	71	118.5	59
MHB-02	2	102	50	40	66	128	43

# PIPE SORTING HOOK

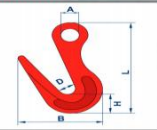
## DESCRIPTION

- Used for lifting pipes and metal sheets.
- All pipe sorting hooks are individually inspected with proof load
- Embossed forged marking for WLL, SIZE, CE, and McKAT

**Standard:** BS EN 1677  
**Material:** Alloy Steel  
**FOS:** 4:1  
**Heat Treatment:** Quenched & tempered  
**Proof Load:** At 200 % of WLL  
**Colour Code:** Red



## DIAGRAM:



Article no	W.L.L (T)	A(mm)	B(mm)	D(mm)	H(mm)	L(mm)
MHP-2T	2	35	170	33	49	254



# HEAVY DUTY THIMBLE

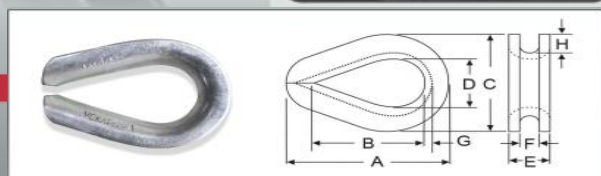
## DESCRIPTION

- Material: conforms to Federal Specifications QQ - S698 - Steel, Sheet, and Strip, Low Carbon.
- Manufacturing: Thimbles are made of Hot - Rolled or Cold - Rolled Steel Process only.
- Finish: Galvanized



## MCKAT HEAVY DUTY THIMBLE CLASSIFICATIONS:

Thimbles with below specifications meets TYPE III  
Thimbles for Heavy Steel Wire Ropes.



McKAT Thimbles			McKAT Thimbles			McKAT Thimbles with T-LOC for			McKAT Thimbles		
Article no	Size (in)	Wt/100 pcs (KG)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	E(mm)	
01	1/8	2.80	49.53	33.53	28.92	17.78	6.35	4	1.29	3.56	
02	3/16	2.8	49.53	33.53	28.92	17.78	6.35	4	1.29	3.56	
03	1/4	3.06	55.62	41.40	38.10	22.35	10.41	7.11	1.52	5.84	
04	5/16	5.10	63.50	47.75	45.97	26.92	12.70	8.64	2.03	7.11	
05	3/8	11.34	73.50	54.10	54.10	28.70	16.00	10.41	2.79	8.64	
06	7/16	13.61	82.55	60.45	60.45	31.75	18.29	11.95	3.30	9.65	
07	1/2	23.13	92.20	69.85	69.85	38.10	20.57	13.46	3.56	10.41	
08	9/16	23.13	92.20	69.85	68.33	38.10	22.35	15.00	3.56	10.41	
09	5/8	34.02	107.95	82.55	79.50	44.45	24.64	16.76	4.06	12.70	
10	3/4	66.68	127.00	92.25	99.77	50.80	31.00	19.81	5.59	16.76	
11	7/8	79.38	139.70	107.95	107.95	57.15	35.05	23.88	5.59	19.05	
12	1	124.74	155.70	114.30	125.48	63.50	39.62	26.92	6.35	22.35	
13	1 1/8-1 1/4	181.44	177.80	130.30	149.35	73.15	45.97	33.27	6.35	28.70	
14	1 1/4-1 3/8	370.59	230.12	165.10	172.97	88.90	55.63	36.58	9.65	28.70	
15	1 3/8-1 1/2	532.98	228.60	158.75	181.10	88.90	65.02	39.62	12.70	28.70	
16	1 5/8	771.12	285.75	203.20	206.50	101.60	69.09	43.67	12.70	34.03	
17	1 3/4	805.14	309.63	228.60	215.90	114.30	72.14	46.74	12.70	35.07	
18	1 7/8-2	1134.00	384.30	304.80	263.65	152.40	78.49	53.09	12.70	38.10	
19	2 1/4	1791.72	435.10	355.60	301.75	177.80	92.20	60.45	16.00	41.40	
20	2 3/8	2220.00	457.40	377.90	301.75	117.80	95.92	63.92	16.00	43.00	
21	2 1/2	2850.00	522.00	399.10	316.20	187.80	102.60	66.60	16.00	45.50	
22	2 3/4	3012.00	496.20	418.20	320.00	187.80	109.65	73.65	18.20	47.90	
23	2 7/8	3600.00	522.00	443.00	330.00	196.00	116.00	76.00	19.88	50.83	
24	3	3850.00	540.00	465.00	330.00	196.00	120.00	80.00	19.88	51.64	
25	3 1/2	4400.00	660.00	505.00	330.00	240.00	139.00	95.00	21.88	54.60	

# HYDRAULIC PALLET TROLLEY



## Hand Pallet Trolley

Standard Model - All Stores,  
Warehousing and Logistics,  
Food Industry.

Capacity : 2.5 Ton, 3 Ton, 5 Ton

Brand : Longking, ToyoLift, KLAAS

# POLYPROPYLENE ROPES



## PP Ropes

Product: 8 strand Polypropylene Danline rope in natural

White colour with a Blue tracer yarn in one strand with

6 feet canvas covered eye splicing at both ends, manufactured as per BS EN ISO 10572 : 2009 supplied with Certificate

Higher breaking strength

Abrasion resistance

Durable and ultraviolet stabilized

Available Sizes : 48mm, 56mm, 64mm, 80mm, 96mm





# WEBBING BELTS, ROUND SLING & CARGO LASHING BELTS



## Flat Polyester Woven Webbing Slings

2 Ply, 3Ply & Four Ply

BS EN 1492-

1:2000+A1:2008

Sizes are available as per customer requirement

Certification : LEEA



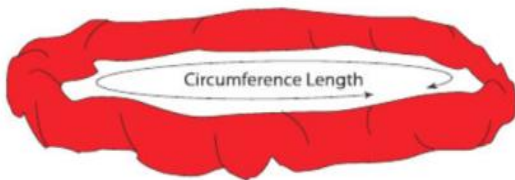
## Endless Round Sling

BS EN 1492-

1:2000+A1:2008

Sizes are available as per customer requirement

Certification : LEEA



## Cargo Lashing Belts

Made to European Norm, EN12195-2

it comes in 1T, 3T, 5T, 10T,

Lashing Strength with Varied Length

Custom Made Products : Cargo lashing

with Varied Hooks & Length,

Air Cargo Lashings, Drum Lifting Slings.





# STEEL WIRE ROPE



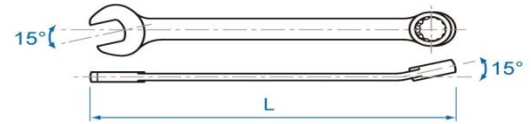
**Steel Wire Ropes, Wire Rope Slings,  
Specialist Crane Rope – Hyrope Series  
Specialist Offshore Ropes – N2 & Neptune Series  
Specialist Elevator Rope – Elephant Brand  
General Engineering Ropes  
Compacted / Swaged Ropes  
Mono- Track Ropes  
Non-Rotating Rope**

Construction : 6x7 +FC, 6x19+FC, 6X19+IWRC,  
6X24+7FC, 6X37+FC, 6X37+IWRC Etc.  
Tensile Grades: 1960 N/mm<sup>2</sup>, 2160 N/mm<sup>2</sup>, EIPS, EEIPS  
Manufacturing Standards :EN 12385, API 9A, ISO 10425  
Certificates: Mill Test Certificate with 3rd party  
certifications like DNV, Lloyds, & ABS  
Applications: Oil & Gas, Drilling, Marine, Engineering,  
Cranes & Hoists etc

**What is Alumar?** "Alumar" is a unique technology that  
improves corrosion resistance of steel wire ropes by 50%  
using a zinc and 5% aluminum coating.  
Brand : Kiswire Korea



# HAND TOOLS & POWER TOOLS



## Combination Wrench

European slimline type

15° open ended angle

15° ring end of set from shaft

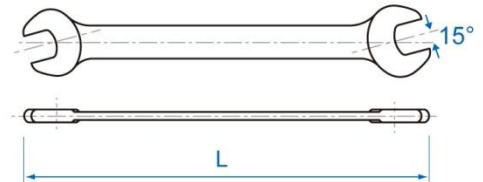
Chrome vanadium alloy steel

Chrome plated

Metric size - DIN3113, ISO7738

Inch size -ANSI/ASME B107.6

Hits : 4676



## Open End Wrench

European slimline type

15° open ended angle

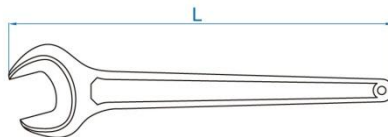
chrome vanadium alloy steel

Chrome plated

Metric size - DIN3110

Inch size -ANSI/ASME B107.6

Hits : 2470



## Single Open End Wrench

Features: The open end is thicker for very high tightening torques. examples: public work, rail worksite, naval construction, agriculture, oil platforms, metallic construction

Hanging hole at end of handle: wrenches stored on panel or hung to avoid loss or fall

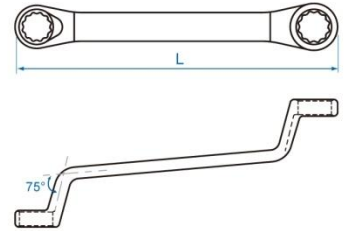
Chrome vanadium steel

Finished with phosphate sunk

DIN 894



# HAND TOOLS & POWER TOOLS



## 75° Offset Ring Wrench

European slimline type

75° deep ring offset

Thin wall rings

Chrome vanadium alloy steel

Chrome plated

Metric size - DIN 838

INCH size - ANSI/ASME

B107.6

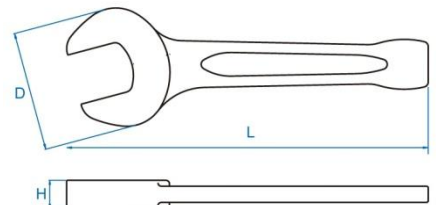
## Open-Ended Slugging Wrench

Open end slugging

Finished with phosphate

sunk

DIN 133



Please wear proper safety gear while working.



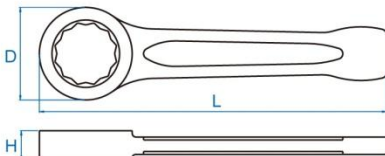
## Ring Slugging Wrench

Ring slugging

Finished with phosphate

sunk

DIN 7444





# HAND TOOLS & POWER TOOLS

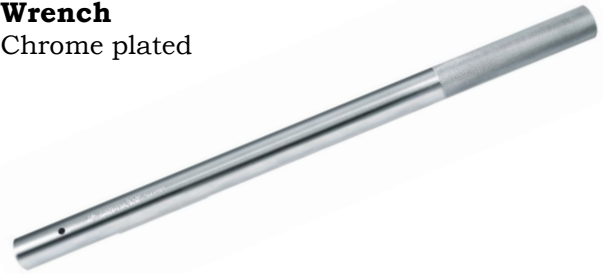


## Heavy Duty Offset Ring Wrench

Chrome plated  
To be used with extension tubes item "11"  
Chrome vanadium steel

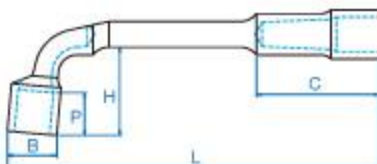
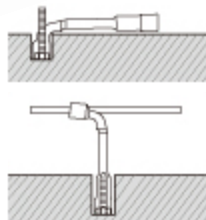
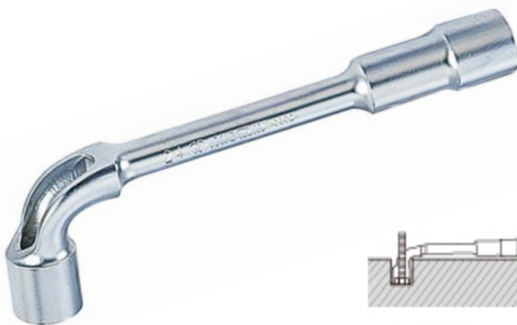
## Tubes for Heavy Duty Offset Ring Wrench

Chrome plated



## Speed Wrench

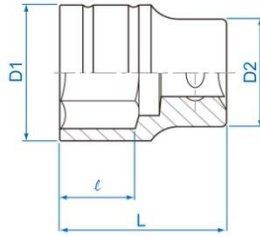
Open end and ratchet ring - wrench  
Metric sizes from 8 to 32 mm  
Chrome vanadium alloy steel  
Chrome plated  
5° gear action (72 teeth)



## 12+6PT Angled Socket Wrench

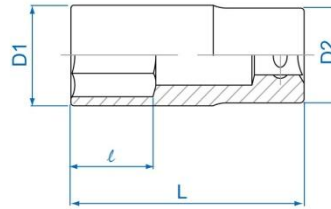
Angle and through-hole design  
High quality steel, chrome plated  
Deep recess at one side and open end socket at the other, easily fit over protruding studs  
ISO 2236

# HAND TOOLS & POWER TOOLS



## Standard Socket

Chrome vanadium alloy steel  
polished, chrome plated  
4 ball retaining grooves  
DIN 3124, ISO 2725-1



## Metric Deep Socket



## HEXAGON Bit Socket



## Adapter

## Universal Joint



## Ratchet Handle



## Flexible T Handle

## Nut Spinner



# HAND TOOLS & POWER TOOLS



## Standard Impact Socket

Material - chrome molybdenum alloy steel

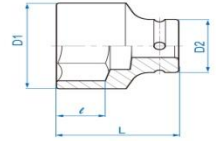
Finishing - phosphate sunk

3/4" drive

6 points

Metric size

DIN 3121



## Extension Bar

Material - chrome molybdenum alloy steel

Finishing - phosphate sunk

3/4"DR. extension bar

DIN 3121



## Impact Hex Bit Socket

Material - chrome molybdenum alloy steel

Finishing - phosphate sunk

3/4" impact hex bit socket

DIN 3121



## Universal Joint - With Ball

Material - chrome molybdenum alloy steel

Finishing - phosphate sunk

DIN 3121



## Adapter - With Ball

Material - chrome molybdenum alloy steel

Finishing - phosphate sunk

DIN 3121



## Locking Pins

chrome vanadium alloy steel

DIN 3129



1740

609616M

## Locking Ring

High tensile rubber material

## Impact Bit Holder

Material - chrome molybdenum alloy steel

Finishing - phosphate sunk

Bit holder

DIN 3121



# HAND TOOLS & POWER TOOLS



## European Style Combination Pliers

European type  
Polished head  
Grip material - PP + TPR  
DIN ISO 5746



## European Style Line Diagonal Cutting Nipper

Grip material - PP + TPR  
Polished heads  
European type  
DIN 5749



## European Style Line Long Nose Pliers

European type  
DIN ISO 5745



## Stripping Pliers

With spring and adjusting screw



## Adjustable Wrench

Chrome vanadium alloy steel  
Polish, phosphate & chrome plated  
Japanesque type  
Metric size-DIN 3117  
Inch size-ANSI / ASME B107.8



## Groove Joint Pliers

7 positions opening  
DIN ISO 8976

# HAND TOOLS & POWER TOOLS

## Internal Angled Circlip Pliers (Japanese Type)

For internal retaining rings  
Angled pattern  
DIN 5256



## Lock - Grip Pliers

MATERIAL - chrome molybdenum alloy steel  
FINISHING -  
option 1 : chrome plated (R)  
option 2 : nickel plated (N)  
Straight jaw  
With adjusting screw and release lever  
Jaw width 10mm, length 30mm  
ASME B107.24



## Internal Straight Circlip Pliers

Design of hidden spring  
High strength of tip  
For internal retaining rings  
Straight pattern  
DIN 5256  
Hits : 749



## External Straight Circlip Pliers (European Type)

For external retaining rings  
Straight pattern  
DIN 5254



## C-Clamp Grip Pliers



## Pipe Wrench

Extra heavy straight type  
Forged parts tempered  
Teeth offset against direction of rotation  
and induction-hardened  
Handle made from malleable cast iron

# HAND TOOLS & POWER TOOLS



## Tube Cutter for Copper (3~35mm)

For copper, brass, aluminum pipes

Ergonomic handle design for comfortable operation

Includes one piece spare cutting wheel

With four guide rollers

Full-stop feed system prevents wheels and rollers from coming into contact

Quick adjustment and easy to change the cutting wheel

## Two in One Ratchet Tubing Cutter

Easy one-hand operation

Cut into thick pipe and thin pipe

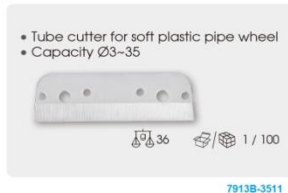
Easily apply for 50, 63mm O.D.

Comfortable TPR handle

For unitary material tube: PE, PP, PVDF, PB, PVC or similar tube

Advanced tool steel blade and aluminum body

please use the adjusting tab on the back



## Tube Cutter for soft plastic pipe (3-35mm)

For soft plastic pipe

Aluminum body

One-hand operation

Burr-free cutting

Reversible blade



## Tube Bender

Suitable for use in refrigeration and air-conditioning, oil supply, heating installations, floor heating

For accurate bending up to 180° of pipes made of soft copper, brass, aluminum and precision steel

Bending with the bending radius display and measurement scale





# HAND TOOLS & POWER TOOLS



## Screwdriver

Shank material - SNCM + V alloy steel

Grip material - PP +TPR

Finishing - chrome plated with black tip

PHILLIPS head, round shank.

Metric size

DIN ISO 8764 DIN ISO 2380

Hits : 3083 Hits : 2951

## Bit Set

50 PC. bit set

Silicon chrome vanadium alloy steel (S2)

Anti-rust oiled, sand-blasted

Hits : 1020



## Power Bit Set

Plastic case size (mm) :

150 x 103 x 46 (0.025 cuft)

Hits : 612



## Nut Setter

Chrome vanadium alloy steel

Anti-rust oiled , sand-blasted

Nut setter

Non magnetic type

DIN 3126

Hits : 611



## Hex Key Set

9 PC. Hex key set

Material - SNCM - V alloy steel

Finishing - chrome plated

Hits : 1158



# HAND TOOLS & POWER TOOLS

## VDE Insulated Combination Pliers

Grip material-TPR  
Polished head  
Chrome vanadium steel  
IEC DIN EN 60900



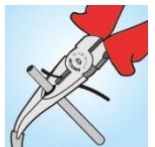
## VDE Insulated Diagonal Cutting Pliers

Grip material-TPR  
Polished head  
Chrome vanadium steel  
IEC DIN EN 60900



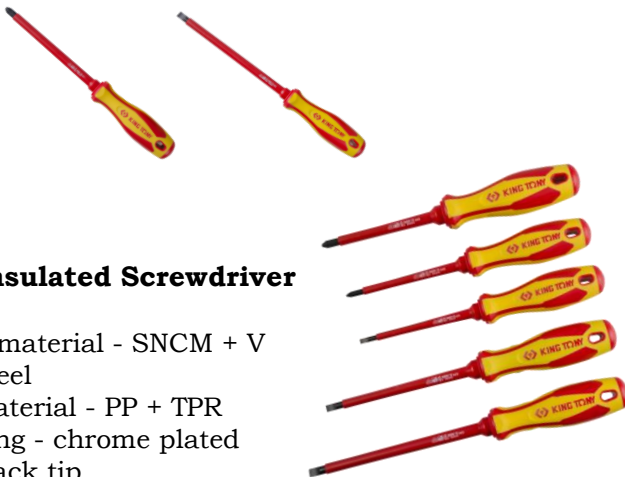
## VDE Insulated Long Nose Pliers

Grip material-TPR  
Polished heads  
Chrome vanadium steel  
IEC DIN EN 60900



## VDE Insulated Screwdriver Set

Shank material - SNCM + V alloy steel  
Grip material - PP + TPR  
Finishing - chrome plated with black tip

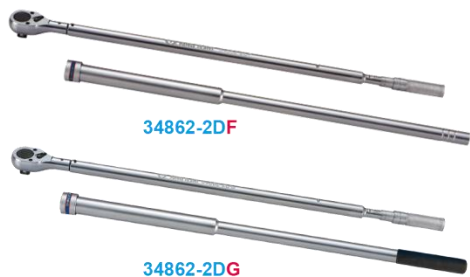


## VDE Insulated Wire Stripping Pliers (With Spring)

Grip material-TPR  
Polished head  
With Spring  
Chrome vanadium steel  
IEC DIN EN 60900



# HAND TOOLS & POWER TOOLS



## Heavy Duty Adjustable Torque Wrench (Newton Meter)

Single scale - Newton Meter (Nm)  
Design for easy torque adjustment  
Quality accords to DIN ISO 6789:2017  
& ASME B107.300-2010  
Tolerance of torque  $\pm 3\%$ (CW)  
CW/CCW Direction

## Heavy Duty Adjustable Torque Wrench (English & Newton Meter)

Dual Scale - English & Newton Meter ( in. lb. / ft. lb. & Nm)  
Design for easy torque adjustment  
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010  
Tolerance of torque  $\pm 3\%$ (CW)  
CW/CCW Direction



## Torque Multiplier

Torque multiplication with 5 : 1, accuracy guaranteed better than  $\pm 5\%$   
Reaction bar supplied in two styles for maximum versatility  
Ideal construction offers minimal maintenance and extended life  
Portable package brings convenience for use in different working places



## Universal Torque Converter Set

It is a newly designed wheel wrench for truck tires or car tires by using less labor to reach a sufficient output torque  
Suitable for trucks, buses, and other heavy duty vehicles



## Torque Tester(2~60)

Calibration range : 2~60 Nm  
Accuracy :  $\pm 0.5\%$   
Units of measurement : Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm  
Input Hex A/F (mm) : 10mm  
Square Drive Adaptor (inch) : 1/4", 3/8", 1/2", 3/4"  
Operating Temperature Range :  $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$   
Storage Temperature Range :  $+0^{\circ}\text{C} \sim +70^{\circ}\text{C}$   
AC Power Input 100-240VAC 50/60HZ  
Base material/ Finish Aluminum Alloy / Painting  
Dimension : 210(L) x 150(W) x 140(H) mm



# HAND TOOLS & POWER TOOLS



## Impact Wrench

Aluminum alloy housing  
Nickel chrome molybdenum square driver  
Variable speed trigger  
Muffled on handle exhaust  
Standard anvil  
General specification



## Riveter

Expander framework design to press riveter  
4 PC. Interchangeable nozzles  
Heavy duty riveter for stainless or aluminum rivets

## Stainless Steel Riveter

Stainless steel riveter nozzles  
Drop-forged aluminum body  
Heavy duty riveter for stainless or aluminum rivets



## Cast Steel Bench Vise

Cast steel body and slide ideal for heavy duty applications  
Ductile cast iron screw pitched acme thread ensures long life and positive action  
Serrated jaws design provides good grip  
360 ° swivel base allows operator to approach any direction



Please wear proper safety gear while working.

## Spare Blades for Bolt Cutter

Chrome vanadium alloy steel



## Bolt Cutter

Chrome vanadium alloy steel

# HAND TOOLS & POWER TOOLS



## Hack Saw

Sliding metal bow

Handle material : ABS+TPR

Lightweight & anti-slippery

Four blade positions 45°, 90°, 135°, 180° including flush cut

Spare blades can be stored

## Aviation Tin Snip

Drop forged chrome molybdenum alloy steel

Blades with serrated edges

Cuts up to 1.2mm rolled steel or 0.7mm stainless steel

Induction hardened cutting edges 59-62 HRC

Special laborsaving design

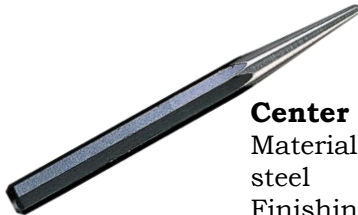
High tensile strength

High torsional strength spring

Solid and comfortable handle with non-slip design

Hang-up hole provided for convenient storage

Safety auto latch (D.PAT.)



## Center Punch

Material - chrome vanadium alloy steel

Finishing - phosphate sunk



## Pin Punch

Material - chrome vanadium alloy steel

Finishing - phosphate sunk



## File

Second cut files with handle

Available with T2 cut for precision work

## Tool Trolley



## Heavy Duty Marking Punch

Chrome vanadium alloy steel

Hardened and tempered control

HRC60 for safe use

Hardness reduced at striking end HRC40 give long life

The letter A~Z with extra "&" ampersand

Chrome vanadium alloy steel

Hardened and tempered control HRC60 for safe use

The number 6 invert become 9



# HAND TOOLS & POWER TOOLS



**Drill Machine GSB**

**Cordless Impact Wrench**



**Cordless Screw Driver Machine**



**Combination Hammer**

**Angle Grinder**



**Jigsaw Blade**

**Saber Saw machine**



**Air blower**



# HAND TOOLS & POWER TOOLS



## Magnetic Drill Machine

Small and relative light, high torque

German motor unit with 2 mechanical speeds

Stable 'one part' cradle, gearbox mounted

Standard equipped with Quickitch quick release arbor and automatic lubrication for

19mm broach cutters

## Magnetic Core Cutters HSS



## HSS Drill Bits



## SDS Plus Drill Bits



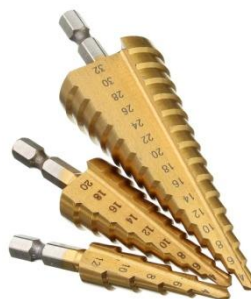
## Wooden Drill Bits



## Carbide Burr



## SDS Max Drill Bit



## Step Drill Bit



# WELDING & GAS CUTTING EQUIPMENT



## Welding Electrode Holder

Std : CE, EN 60974-11  
Model : EHL50 & EHL60  
American L Series  
GE Polyamide Handle



## Welding Electrodes E6013, E7018



## Welding Earth Clamp Brass Jaw

Std: CE, EN 60974-13,  
BS638.5  
Brass Jaw & Fiberglass  
Handle  
Model : ECSTD60B

## Welding Earth Clamp

Std: CE, EN 60974-13,  
BS638.5  
Croco Series  
Model : ECCR40 &  
ECCR60  
With Braided Copper  
Shunt  
Steel Jaw , Steel Stud,  
Bolt



## Welding Cable Connector Male & Female

Std: CE, EN 60974-12  
Brass Jaw & Fiberglass Handle  
Model : CCD



## Flint Lighter



## C-Clamp Heavy Duty CE, EN For Welding Job



# WELDING & GAS CUTTING EQUIPMENT



**Hose Brass Nut & Nipple**  
For Oxygen & Acetylene



**Cutting Tip Cleaner**  
Cleaner Set 10cm  
Cleaner Size 7-26mm  
Drill Size : 75-49  
Model : MITC1012



**Hand Wire Brush**  
4 Row  
Available : MS, SS & Brass



## Acetylene Cutting Tips

Series : 1-101  
One-piece type  
For 1600, VH-212, VH-2460 & 398-2 cutting machine cutting torch  
& cutting attachments



## Heating Nozzle

Acetylene  
Multi flame Nozzle for preheating and straightening



## Heating Torch



## Cutting attachment outfits

Smooth Cutting oxygen Valve  
For precise ease-on control  
SS tubes for added torch strength  
and heat resistance.  
SS Lever for extra durability &  
Operator safety.  
Model : V2460`



## Cutting attachment handle

Model : 315FC  
Heavy Duty  
Work with all fuel gas





# WELDING & GAS CUTTING EQUIPMENT



## Journeyman Select

This heavy duty outfit cuts up to  $\frac{3}{4}$ " (19.1mm) or 8" (203.2mm) With optional tips. It welds up to  $\frac{1}{2}$ " (12.7mm) or 3" (76.2mm) With optional nozzle

ESS4 series regulator

H 315FC Torch handle with built in flash back arrestor & check Valves.

CA 2460 Cutting attachment

W Welding Nozzle Sizes : 1,3,5

MFA Heating Nozzle Size : 8

1-101-1 Cutting tip, T grade hose 20' x  $\frac{1}{4}$ "

Sticker and tip cleaner Soft sided shade 5 goggles

## Flash Back Arrestor Acetylene & Oxygen

Regulator & Torch

FA10 & FA30

Designed to prevent reverse gas flow and flashbacks, protecting welding hoses, regulators and cylinders

10" maximum cutting capacity

Color coded connector Oxygen ( green ) Fuel gas ( Red )



## Hand Cutting Torches

Model : 900FC, Victor

Built in flash Back arrestor & Check valves

For use with any fuel gas, 5PSIG and above.

Uses Series 1 cutting tips

Hose connection are 9/16"-18" unless noted

Cutting capacity  $\frac{1}{2}$ " ( 3.25mm) to 5" (127mm)



## Oxygen & Acetylene Regulator

Heavy Duty

Best weld & victor

Gas apparatus and flow

Control equipment



## Twin Line Welding Hose

Construction Tube: Polychloroprene Synthetic Rubber

Cover: Chemivic Synthetic Rubber

Reinforcement: Spiral Synthetic Yarn

Coupling: Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Non Stock / Sizes: For special production run minimum requirements, see Appendix D.

Temperature Range: -40°F to 120°F (-40°C to 49°C)

# WELDING & GAS CUTTING EQUIPMENT



**Cable Lugs**  
Heavy Duty

## **Manual Gouging Torches** **K4000**

Heavy Duty  
5/32" (4mm) to 1/2" (13mm)  
Amps : 1000

## **Manual Gouging Torches** **K3000**

Medium Duty  
1/8" (3mm) to 3/8" (10mm)  
Amps : 600



## **Carbon Arc Gouging** **Electrodes**

Designed Specifically for the air  
carbon arc metal removal  
process  
Superior metal removal rate  
Clean cuts  
Cooler operations  
Uniforms Diameter  
Excellent arc stability



## **Welding Chipping** **Hammer**

Cone and Chisel  
This model features flex-O  
steel coil hand grips  
welded to tough steel  
handle shafts,. Head are  
pinned for safety and  
reliability

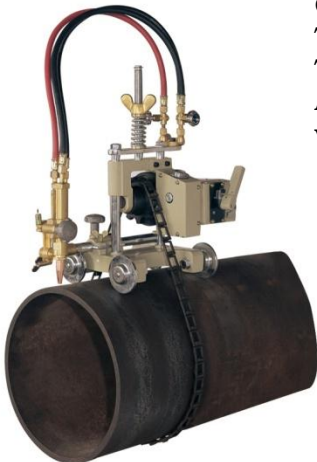
## **Cylinder Trolley**

Type : Double cylinder  
Size : 14" Wheels  
Load Capacity : 200 Kg



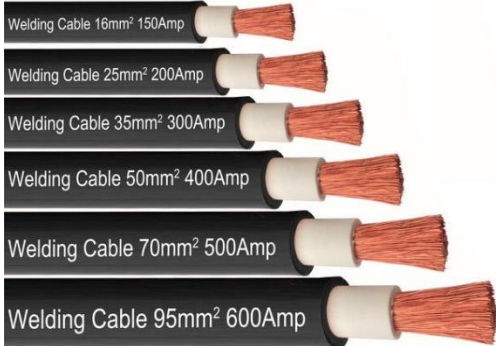
## **Chain Type Pipe Cutting Machine**

Pipe Capacity ( 4" to 24"-26")  
Included chain has 80 links. Additional chain links can be purchased for  
larger pipe sizes  
Koike cutting torch and three tips included  
Control valves for fuel gas, pre heat and cutting oxygen included  
Torch holder racks in, out up and down  
Torch holder can be positioned at any angle  
A handy clutch allows quick rotation of the machine around the pipe to  
verify position and square up the chain





# WELDING & GAS CUTTING EQUIPMENT



## Welding Cable

### Features :

Annealed Bare Copper High Flexible Conductors  
Single Jacket Of EPDM, Neoprene, other Materials  
Available on Special Request

Double Insulation Available on Special Request  
Rohs, Pabs, Reach Available Upon Request

### Specification

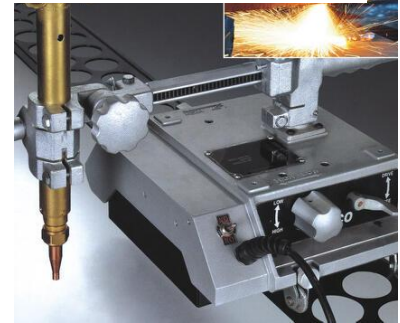
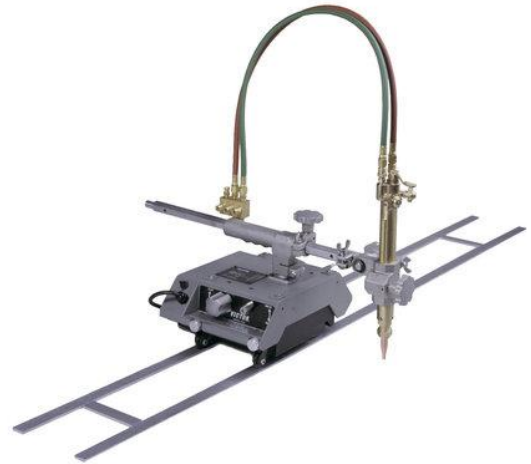
High Strength tear-resistant Jacket

Excellent Resistance to Abrasion and Impact

Superior Flexibility, Even at Cold temperature To-50°C

Flame Resistant

Special Stranded Conductor for Added Flexibility and Easy Handling



## VC-200 Cutting Machine

The versatile VCM 200/201 kits have a tractor machine that can be used on its own track for straight line cutting and a variety of other operations. Off track and with a radius rod assembly, the VCM can also be used for circle cutting

### Features

Large thumb screws for hand tight adjustments

Dual drive controls and direct speed readout

Cone disc drive

Constant speed AC induction motor located on the side opposite the torch for cooler, more efficient operation

Counter-balanced design allows torch racking distance up to 457.2 mm (18") from the machine

Speed constant over wide range of temperatures

Torch holder designed for 35.1 mm (1.38") barrel diameter torches

Flat mounting deck

HT (high temperature) packages have the addition of a heat shield

HS (high speed) packages have a speed range of 12.7-304.8 cm/min (5-120"/min)



## H-501 PORTABLE WELDING CUTTING KIT

### Features

Capable of welding from 0.5mm up to 6mm, cutting from 3-100mm with appropriate cutting tips

Complete accessory package, hose, spark lighter, goggles plus tip cleaner

External torch mounted reverse flow check valves.

Forged and extruded brass for durability

Brass & Stainless steel construction

Torch handle w/two stainless steel needle valve for fast, accurate flame adjustment assembled with two tubes inside

O-ring seals



# WELDING & GAS CUTTING EQUIPMENT



## Welding Mask ( Welding Helmet )

### Features

Material: PP shell and welding filters .

Head hoop: with new pp. easy be assembled.

Mask shell: with impact-resistant shell wear well, protect face and head from hurt by spark.

Glass Size: 108\*50\*3 mm.

### Specification

High quality pp material, flexible and durable.

Handy ratchet adjustment knob for the head hoop.

Different sizes for welding filters available.

Perfectly protect your eyes against UV and IR rays.

Applied for gas welding, brazing and torch cutting work

## Face Shield Glass

### Features

Material: PP shell and welding filters .

Head hoop: with new pp. easy be assembled.

Mask shell: with impact-resistant shell wear well, protect face and head from hurt by spark

### Specification

Functional and durable facial protection for welding, gas cutting by spark etc.

Handy ratchet adjustment knob for the head hoop.

Different sizes for welding filters available.

Perfectly protect your eyes against UV and IR rays.

Applied for gas welding, brazing and torch cutting work.

The original design of Anti - interference switch avoids not seeing welding object clearly due to complex surroundings nearby.



## Face Shield Bracket

### Specification

Functional and durable facial protection for welding, gas cutting by spark etc.

Handy ratchet adjustment knob for the head hoop.

Different sizes for welding filters available.

Perfectly protect your eyes against UV and IR rays.

Applied for gas welding, brazing and torch cutting work.

The original design of Anti - interference switch avoids not seeing welding object clearly due to complex surroundings nearby.

## Welding Helmet for Safety Cap

Model : **6PA3**

ANSI,

Lift front lens holder with semi-aluminum bracket



# WELDING & GAS CUTTING EQUIPMENT



## Portable Welding Oven ( Dry rod )

10 lb (5 kg) storage capacity for 14 in or 18 in electrodes  
Rod elevator for quick removal of electrodes  
10 ft cord locks into the oven base to create a fixed connection  
Body and lid insulation minimizes heat loss and energy usage  
Indicator light  
Safety Yellow color increases field visibility  
Spring latch tightly secures insulated lid for transport  
NEW 120/240

## DryRod® Type 300 sets the industry standard for bench rod ovens

400 lb capacity of 18 in (450 mm) electrodes  
Thermostatic control  
Circular oven chamber promotes airflow and consistent heating  
Shelving gives ability to fit a 50 lb can  
Available with optional thermometer for immediate temperature indication  
120/240V - PN 1200200, PN 1200201 (with thermometer) Model 16C  
240/480V - PN 1200100, PN 1200101 (with thermometer) Model 15D  
Stacking option also available (please refer to downloadable manual for ST PNs)



## Welding Fire Blankets ( Fiber Glass Cloth )

A welding blanket is a piece of safety equipment designed to protect equipment and the welder while welding. A welding blanket typically consists of a layer of flexible protective material containing unexpanded vermiculite and inorganic heat resistant fibrous material  
Sizes available : 1.8 x 1.8 mtr, 0.8mm x 30 mtr, 1mm x 50 mtr



## PVC Tarpaulin Type 2219 Fire Retardant

Size: 20Ft x 20Ft  
Technical Specifications:  
PVC Coated Fabric  
Thickness: 0.35mm  
Finished Coated Weight: 420gm/m2  
U.V Treated | Weather Resistant | 100% waterproof | Fire Retardant  
Material will be resistant to seawater, sunlight & other sun damaging



# WELDING & GAS CUTTING EQUIPMENT



## Pipe Stand V Head

V-head with welded rib support for extra strength  
T handle for extra safety in securing head



## Metal Cutting & Grinding Disc

Sizes : 4", 4 1/2", 5", 7", 9", 12", 14" & 16"

## Wheel Wire Brush

Fast Cleaning action  
Welding cleaning  
Surface preparation



## Cup Wire Brush

Heavy Duty Cleaning of Large metal surfaces  
Cleaning prior to welding  
Weld scale and corrosion removal  
Rust and paint removal  
Roughening  
Deburring



## Spindle Mounted Flap Wheel

For hand held machines working on profiled pieces, inner surfaces and hardly reachable areas  
universal product for steel and SS material



## Flap Disc

Stock Removal  
Blending Welds  
Edge Chamfering  
Deburring  
Rust removal  
Cleaning and finishing  
Highly resistant backing  
crease & tear resistant, lasting longer  
Renewal of flaps extends sanding life





# TIG WELDING ACCESSORIES

## Tig Torch Assy 2 Pcs WP 26FV-25-2 WP 26V-25-2

WP-26 Torch Package includes torch body, handle, long back cap and 25' 2-Piece Rubber Power Cable



## Tig Torch Assy - Single Pcs WP 17V-12-R & WP 17FV-12-R

TIG Torch - Premium Air-Cooled Torches Light and easy to use, these torches give you the power of maximum versatility and maneuverability. A molded, knurled handle gives you a sure grip so you can focus on the weld. V model torches...



### Back Caps



### Collets



### Collets



### Power Cable Adapter



### Cable Repair Kit



### Insulator



### Alumina Nozzles



### Tungsten Electrodes



### Ribbed Handle



### Tig Torch Heads



# GENERAL BUILDING MATERIAL



## **Hessian Cloth ( Burlap )**

Size: 40" x 600 yard

Thickness : 5.5oz

Weight : 92 Kg / Bale

Made : India

## **Common Wire Nails**

Size available : 1", 1.5",  
2", 2.5", 3", 4", 5" & 6"

Packing : 8 Pkt in Ctn

Weight : 5.6 kg Net,  
6 Kg Gross / Ctn

Made : China



## **Spiral Concrete Nail**

Size available : 1", 1.5", 2", 2.5",  
3" & 4"

Made : China

## **Electro GI Binding Wires**

Size: 20g, 18g, 16, & 14G

Provided with test certificate, MFG  
& Third Party

Made : China



## **Black Annealed Binding Wires**

Size: 20g, 18g, 16,

Provided with test certificate, MFG &  
Third Party

Made : China

# GENERAL BUILDING MATERIAL



## Coloured Cotton Rag

Mix cotton rag  
Packing : 25kg / Bale  
Make : Pakistan



## White Cotton Rag

Garage, Mechanical  
Workshop, Fiber glass  
Manufacturing, Cleaning  
Packing : 25kg / Bale  
Make : Pakistan



## Sun Shade Net

100Gsm, 70% UV Protection  
Packing : 4 x 50 mtr & 2 x 50 mtr  
Construction Site, Agriculture,  
Landscape, Building Demolition  
Etc  
Make : China

## Wheel Barrow

Heavy Duty PU tire.  
Construction Site, Agriculture,  
Landscape, Building Demolition  
Etc  
Make : China





# GENERAL BUILDING MATERIAL



## **Hammers, Claw Hammer, Machinist Hammer, Chipping Hammer, Sledge Hammer, Rubber Mallet Hammer**

Garage, Mechanical Workshop, Fiber glass  
Manufacturing, Construction, Demolition  
Etc

## **Cleaning Hard Brush**

Cleaning companies, Garage, Mechanical  
Workshop, Fiber glass Manufacturing,  
Construction,  
Make : Srilanka



## **Cleaning Soft Brush**

Cleaning companies, Garage, Mechanical  
Workshop, Fiber glass Manufacturing,  
Construction,  
Make : Srilanka



## **PVC Bucket**

Capacity : 12 Ltr  
Cleaning companies, Construction  
Make : China



# GENERAL BUILDING MATERIAL



## **Polythene Sheet**

Sizes : 60 Micron, 80 Micron, 125 Micron ,  
200 Micron, 250 Micron

Cleaning companies, Garage, Mechanical  
Workshop, Fiber glass Manufacturing,  
Construction,



## **PE Tarpaulin**

Virgin PE Tarpaulin

80 & 100 GSM

Cleaning companies, Garage,  
Mechanical Workshop, Fiber glass  
Manufacturing, Construction,  
Covering the materials

## **Canvas Tarpaulin**

16 oz

Covering Material, Garage, Mechanical  
Workshop, Fiber glass Manufacturing,  
Construction,

Olive Green Color

Double Waxed

Make : Pakistan



# GENERAL BUILDING MATERIAL



## **Wrecking Bar**

24" & 36"  
Mechanical Workshop,  
Manufacturing,  
Construction,



## **Shovel Pointed & Flat**

Construction, Agriculture,  
Packing Etc  
Make : China

## **Pickaxe**

Construction, Agriculture,  
Demolition etc  
Make : China



## **Garden Rake**

Construction, Asphalt,  
Concrete , Agriculture  
Make : China



## **Garbage Pick Up Tool**

Construction, Road  
Cleaning, Agriculture  
Make : China

## **Chisel For Stone**



## **Crow bar**



## **Carpenter Chisel**





# GENERAL BUILDING MATERIAL

## Steel Float, Trowel, Teeth Trowel

Construction, agriculture Etc

Make : China



**Nylon Twin**



**Nylon Rope**



**Silicone Gun**  
Heavy Duty

## Silicone Sealant

General Purpose

Colour : Clear, White,  
Black, beige etc



**Insulation Tape**



## Teflon Tape

Threading seal Tape

Sizes: 1/2", 3/4" & 1"

## Masking Tape

Sizes : 1", 1.5", 2" &  
3"



**PVC Wrapping Tape 2"**  
**Black - 65'**



**Duct Tape**

# GENERAL BUILDING MATERIAL



## Measuring Tape Steel

Sizes : 10, 20, 30 & 50 mtr

Model :SW

Shox Steel Tape 19mm with Clip

## Measuring Tape

Sizes : 3 & 5 mtr

Model : SH519

Shox Steel Tape 19mm with Clip



## Fiberglass Measuring Tape

Model : FW

Width : 16mm

Brand : Freeman India



## Open Reel Measuring Tape

Model : SO

Width : 13mm in ABS case

Brand : Freeman India



## Dip Measuring Tape

Brand : Freeman India

## Measuring Wheel with Spray Can Holder

Brand : Freeman India



## Aluminum Spirit Levels

Brand : Freeman India



Spirit Levels 15cm, 1 Vial



Spirit Levels 30cm, 3 Vials, with magnetic Base



Spirit Levels 30cm, 3 Vials, with magnetic Base



Spirit Levels 30cm, 3 Vials, without magnetic Base



Spirit Levels 30cm, 3 Vials, without magnetic Base



Spirit Levels 40cm, 3 Vials, with magnetic Base

# GENERAL BUILDING MATERIAL



## Paint Rollers

Sizes : 4", 7" & 9"  
China



## Radiator Rollers

Sizes : 4"  
China

## Scraper

Sizes : 1", 2", 3", 4", & 6"  
China



## Paint Brush

Sizes : 1/2", 1", 1.5"  
2", 2.5", 3", 4", & 6"  
China



## White Chalk



## Chalk line Reel with Powder



## Spray Paint





# GENERAL BUILDING MATERIAL



## **Aluminum A type Ladder**

Heavy Duty  
Strong Rungs



## **Aluminum ladder Single Pole**

Heavy Duty  
Strong Square Rugs  
Sizes in Steps : 8, 10, 12, 14, 16, 20



## **Fiberglass Ladder**

Heavy Duty

## **Aluminum Double Extension Ladder**

Heavy Duty  
Strong Square Rugs

# INDUSTRIAL CHEMICALS





# OIL & GAS CHEMICALS

- |  |                             |                             |
|--|-----------------------------|-----------------------------|
| 1. Activated Alumina F-200                       | 21. Silica Gel              | 36. Phosphoric Acid 85%     |
| 2. Ammonium Chloride                             | 22. Soda Ash Dense/Light    | 37. Sulphamic Acid          |
| 3. Bentonite                                     | 23. Sodium Benzoate         | 38. Acetone                 |
| 4. Borax Penta Hydrate                           | 24. Sodium Bicarbonate      | 39. Ethanol                 |
| 5. Calcium Carbonate                             | 25. Sodium Meta bi Sulphite | 40. Isopropyl Alcohol       |
| 6. Calcium Chloride Flakes Food Grade/Tech Grade | 26. Sodium Nitrate          | 41. Methanol                |
| 7. Quinoline 96%                                 | 27. Talc Powder 25/32 mic   | 42. Methyl Ethyl Ketone MEK |
| 8. Copper Sulphate                               | 28. NC Thinner              | 43. Methylene Chloride      |
| 9. Di Ethanol Amine                              | 29. Titanium Dioxide        | 44. N-Butanol               |
| 10. EDTA   | 30. Urea                    | 45. Toluene                 |
| 11. Salt-Food Grade                              | 31. Zinc Chloride           | 46. Perchloroethylene       |
| 12. Glycerin Food Grade                          | 32. Acetic Acid             | 47. Xylene                  |
| 13. Hydrated Lime Technical Grade                | 33. Hydrofluoric Acid 50%   |                             |
| 14. Hydrogen Peroxide                            | 34. Nitric Acid             |                             |
| 15. Salt- Industrial                             | 35. Oxalic Acid 68%         |                             |
| 16. Mono ethylene Glycol                         |                             |                             |
| 17. Monoethanolamine                             |                             |                             |
| 18. Potassium Hydroxide                          |                             |                             |
| 19. Potassium Permanganate                       |                             |                             |
| 20. DIPA   |                             |                             |

## REFINERIES & GAS PROCESSING RELATED CHEMICALS



## DRILLING & OILFIELD CHEMICALS

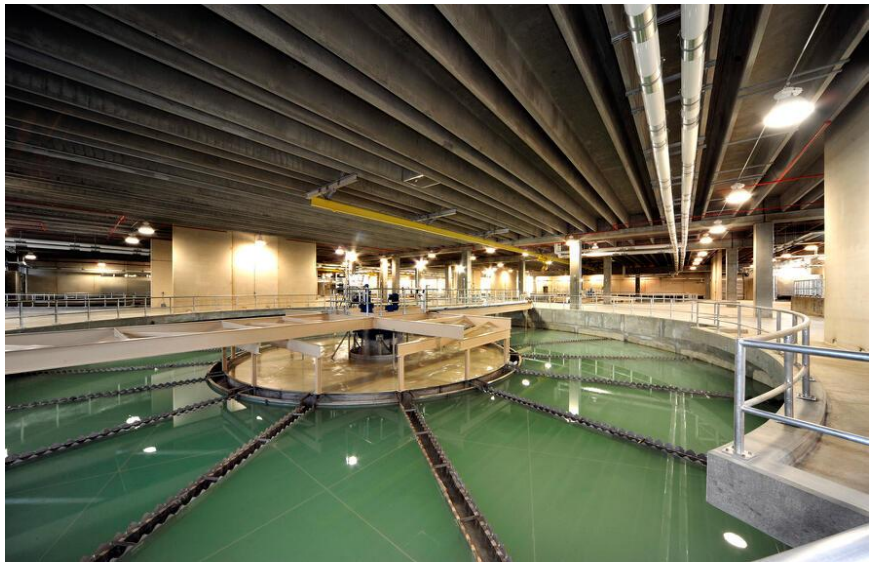




# WATER TREATMENT CHEMICALS

- 1) Aluminum Sulphate
- 2) Calcium Hypochlorite 70%
- 3) Ferric Chloride 40%
- 4) Hydrochloric acid 33%
- 5) Soda ash Light
- 6) Sodium Bicarbonate
- 7) Sodium Hypochlorite 12%
- 8) Tri Sodium Phosphate
- 9) Anti scalant
- 10) Hydrated Lime Powder

- 11) Sodium Hydroxide
- 12) Citric Acid Anhydrous
- 13) Sulphuric Acid 98%
- 14) Calcium Chloride 77%
- 15) Anthracite Filter Media
- 16) Sand Filter Media





# LAUNDRY & TEXTILE CHEMICALS

- 1) Caustic Soda Liquid 49%
- 2) Caustic Soda Flakes / Prills
- 3) Hydrogen Peroxide 35/50% Technical 99%
- 4) Isopropyl Alcohol
- 5) Ammonia Solution 25%
- 6) Ferrous Sulphate
- 7) Soda ash Light 99%
- 8) Citric Acid Anhydrous 99%
- 9) Perchloroethylene 99%
- 10) Acetic acid Food grade /
- 11) White Sprite
- 12) Sodium Hypochlorite 12%
- 13) Phosphoric acid 85%





# FIBER GLASS & BOAT REPAIR CHEMICALS

- 1) Acetone
- 2) Methylene Chloride
- 3) Titanium Dioxide
- 4) Calcium Carbonate Fine
- 5) Calcium Carbonate Medium
- 6) Calcium Carbonate Coarse





# FOOD, BEVERAGES & PHARMA INDUSRTY

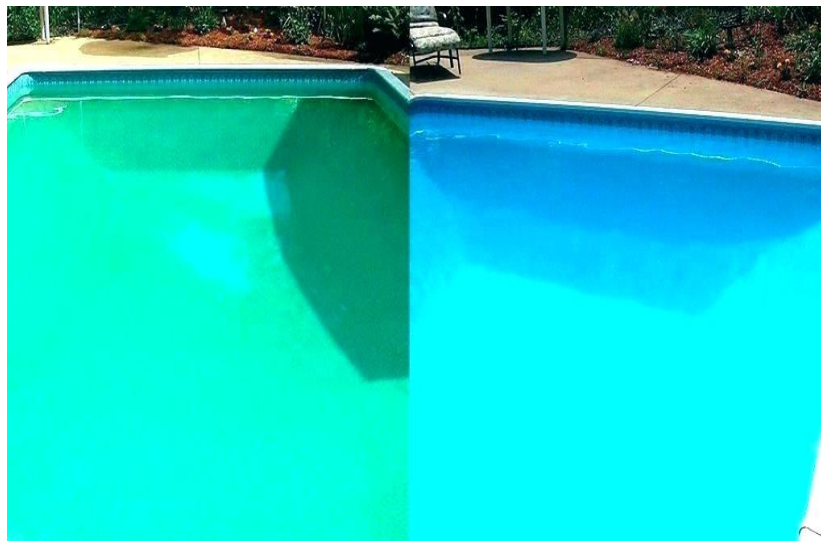
- 1) Hydrochloric Acid 31-33%
- 2) Nitric acid
- 3) Citric acid anhydrous
- 4) Caustic soda liquid 49%
- 5) Sodium bicarbonate
- 6) Acetic acid Glacial
- 7) Hydrogen peroxide 35%
- 8) Glycerin USP Grade
- 9) Ethanol 99.5%

- 10 ) Sodium Chloride
- 11 ) Sodium Benzoate



# SWIMMING POOL CHEMICALS

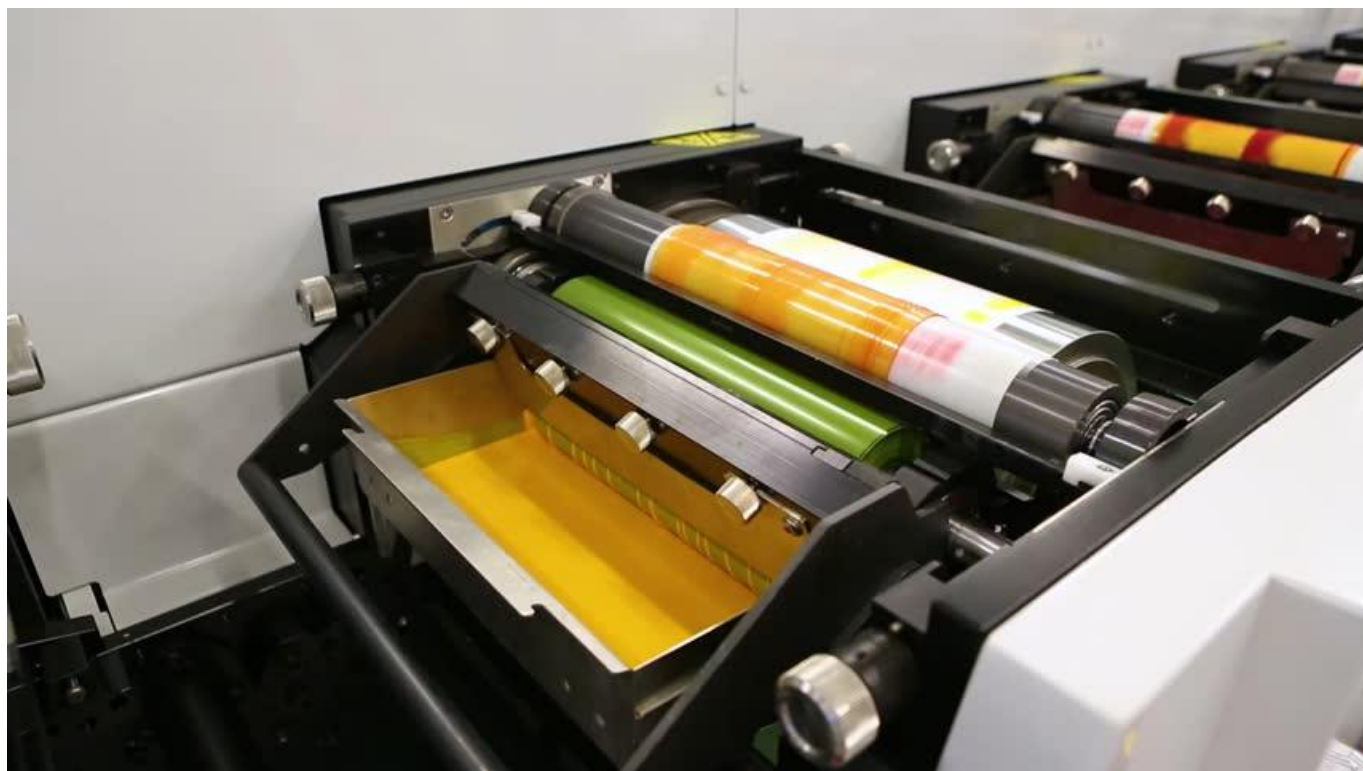
- 1) Calcium Hypochlorite 70 % " HTH" , Origin-USA
- 2) Chlorine Granular – Origin- China
- 3) Chlorine Tablet - Origin- China
- 4) Chlorine Tablet , Nissan - Origin -JAPAN
- 5) Aluminum Sulphate
- 6) Caustic Soda Flakes / Prills
- 7) Hydrochloric acid 30-33%
- 8) Hydrogen peroxide 35 /50%
- 9) Soda ash Light
- 10) Sodium Bicarbonate





# **PAINT & PRINTING INDUSTRY CHEMICALS**

- 1) Acetone
- 2) Toluene
- 3) Butyl Acetate
- 4) Normal Butanol
- 5) Butyl Glycol
- 6) Isopropyl alcohol
- 7) Methyl Ethyl Ketone
- 8) Methylene Chloride
- 9) Titanium Dioxide
- 10) Xylene
- 11) Mono propyl Glycol
- 12) Ammonia solution 25%
- 13) Calcium carbonate





# BULK CHEMICAL TRANSPORTATION

LIQUID CHEMICALS ROAD TANKER



ISO TANKS



SOLID CHEMICALS ROAD TANKER



INTERMEDIATE BULK CONTAINERS-IBC



200 LITERS STEEL / HDPE DRUMS PACKING



JERRY CANS PACKING



# OUR BRANDS

