



AN ISO 9001, ISO 14001 &
OHSAS 18001
CERTIFIED COMPANY



*Quality is
Our Motto
Service is
Our Commitment*

- CHAIN & CHAIN SLINGS
- POLYESTER SLINGS
- WIRE ROPE & WIRE ROPE SLINGS
- LASHING & CHOKING ACCESSORIES
- LIFTING ACCESSORIES
- FESTOONING SYSTEM (DSL BUS BAR, C-RAIL SYSTEM & CABLE CARRIER AND TROLLEYS)
- MATERIAL HANDLING EQUIPMENT

SAMSON[®]
Polyester & Metallic Slings



ABOUT US

Company Profile

UTKAL ENGINEERS established in 2003, is an ISO 9001, ISO 14001 & OHSAS 18001 certified company having manufacturing unit of over 35,000 Sq. ft area.

We are India's pioneer Manufacturer, Exporter of Material handling, Lifting & Rigging products with Unique & Multiple variants. We have splicing facility up to 42mm & test bed of 100 tons.

Our team with vast experience in the field of material handling & lifting for more than decades is the vital strength of the organization.

We offer vast range of product suitable for the movement & handling of product during production, distribution, consumption and logistics to increase the efficiency and reduce the man power thereby saving time & cost with safety. We Serve heavy Engineering , Construction, Infrastructure, Cargo handling, marine, mining & Transportation Industries.

Our Vision & Mission

We put our entire resources at work to design, develop, discover, procure, test and serve to make sure that not just our client but the material handling industry of India grow profoundly and endure strongly the challenges coming from markets.

Our aim is to take material handling industry forward with unique, cost effective & customized solution for all type of lifting / lashing choking and festooning equipments.

We are committed to quality & services. We offer our technical support / training to educate our valuable clients & actual users to use proper tackle suitable for application, timely inspection and maintenance of lifting / lashing equipment.

Quality Policy

We are highly concern about quality and reliability of our product. Scope of innovation and evolution is always kept at our industrial research and quality wing. A streamlines production process of material handling equipment is followed to ensure that products delivered to the clients are up-to-date, efficient and high performing.

CHAIN & CHAIN SLINGS

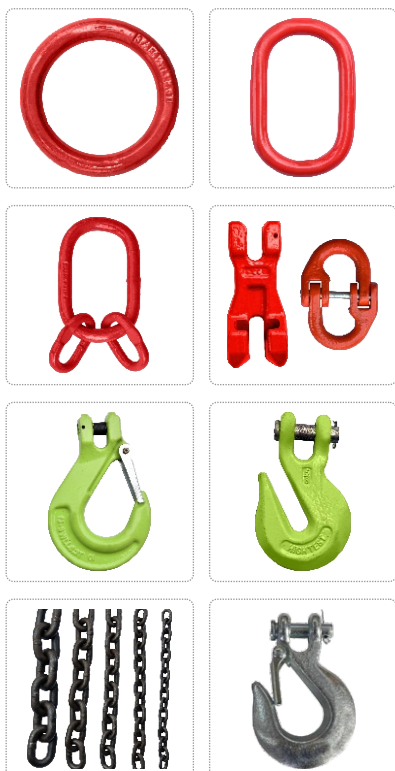


GRADE 80 CHAIN SLING CHART

CHAIN SIZE	CHAIN CAPACITY GR-80	SINGLE LEG 0°	TWO LEG 0-90°	THREE LEG 0-90°	FOUR LEG 0-90°
6 MM	1 T	1 T	1.4 T	2.1 T	
8 MM	2 T	2 T	2.8 T	4.2 T	
10 MM	3 T	3 T	4.2 T	6.2 T	
12 MM	4.5 T	4.5 T	6.3 T	9.5 T	
16 MM	8 T	8 T	11.2 T	16.8 T	
18 MM	10 T	10 T	14 T	21 T	
20 MM	12.5 T	12.5 T	17.5 T	26.2 T	
22 MM	16 T	15 T	21 T	31.5 T	

HAND CHAIN OF ALL CHAIN PULLEY BLOCK (INDIAN / IMPORTED) AVAILABLE LASHING CHAIN 13 MM IN GR-40 & GR-80 MATERIAL AVAILABLE

CHAIN ATTACHMENTS



P.P ROPE & P.P ROPE SLINGS



SAFETY HARNESS BELT



POLYESTER SLINGS

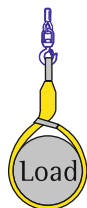
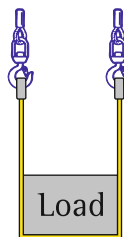
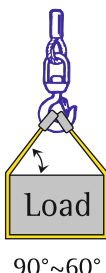
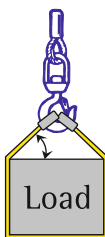
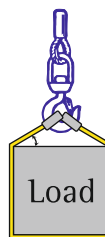
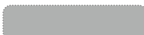
		POLYESTER WEBBING SLING						ROUND ENDLESS POLYESTER SLING		
COLOUR CODE		VERTICAL STRAIGHT LIFT	WIDTH	APPROX THICKNESS		VERTICAL STRAIGHT LIFT	APPROX WIDTH	APPROX THICKNESS		
VIOLET		1000 KGS	25 MM	7 MM		1000 KGS	40 MM	6 MM		
GREEN		2000 KGS	50 MM	7 MM		2000 KGS	50 MM	7 MM		
YELLOW		3000 KGS	75 MM	7 MM		3000 KGS	60 MM	8 MM		
GREY		4000 KGS	100 MM	7 MM		4000 KGS	70 MM	9 MM		
RED		5000 KGS	125 MM	7 MM		5000 KGS	75 MM	11 MM		
BROWN		6000 KGS	150 MM	7 MM		6000 KGS	80 MM	12 MM		
BLUE		8000 KGS	200 MM	7 MM		8000 KGS	90 MM	13 MM		
ORANGE		10000 KGS	250 MM	7 MM		10000 KGS	100 MM	15 MM		
ORANGE		12000 KGS	300 MM	7 MM		12000 KGS	110 MM	16 MM		
ORANGE		15000 KGS	380 MM	7 MM		-	-	-		

- WEBBING & ROUND ENDLESS SLINGS ARE MANUFACTURED AS PER IS-15041-2001, BS EN 1492-1-2000
- WEBBING SLINGS UPTO 80 TONS & ROUND ENDLESS SLINGS UPTO 500 TONS AVAILABLE ON REQUEST

HOW TO ORDER

- WEBBING SLINGS WITH EYE LOOPS
 - VERTICAL CAPACITY IN TON & EFFECTIVE LENGTH (LOOP TO LOOP IN MTRS)
- ROUND ENDLESS SLINGS
 - VERTICAL CAPACITY IN TON & CIRCUMFERENTIAL LENGTH OR EFFECTIVE LENGTH (HALF OF CIRCUMFERENCE LENGTH)

LIFTING CAPACITY OF WEBBING & ROUND ENDLESS SLINGS IN DIFFERENT MODE OF APPLICATIONS

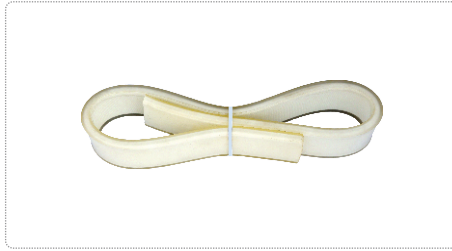
COLOR CODE	WLL (Ton)	WORKING LOAD LIMIT (W.L.L)					
		VERTICAL	CHOKER	BASKET	SINGLE BASKET WITH ANGLE		
		M = 1.0	M = 0.8	M = 2.0	M = 1.7	M = 1.4	M = 1.0
							
				90°~60°	60°~45°	45°~30°	
	1	1	0.8	2	1.7	1.4	1
	2	2	1.6	4	3.4	2.8	2
	3	3	2.4	6	5.1	4.2	3
	4	4	3.2	8	6.8	5.6	4
	5	5	4.0	10	8.5	7.0	5
	6	6	4.8	12	10.2	8.4	6
	8	8	6.4	16	13.6	11.2	8
	10	10	8.0	20	17.0	14.0	10

IF SWL = M

ANTI ABRASSIVE SLEEVE



ANTI CUTTING SLING



SAFETY JACKET



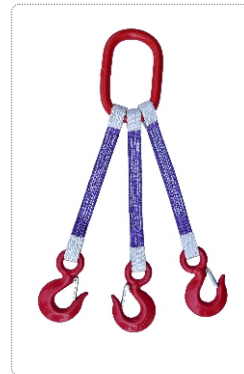
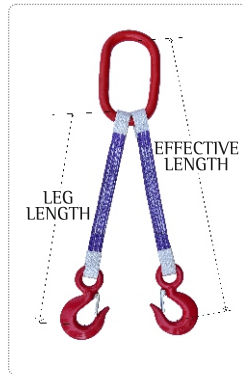
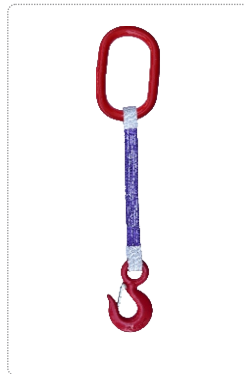
HOW TO ORDER

- CUT LENGTH AS PER REQUIREMENT OR FULL SLEEVE OR STITCHED OR CUT LENGTH STITCHED AT A SPECIFIC PLACE, SPECIFY WIDTH OF BELT FOR SAFETY JACKET

MULTILEG SLINGS & ADJUSTABLE MULTILEG SLINGS

HOW TO ORDER

- TOTAL LOAD TO LIFT , EFFECTIVE LENGTH OR LEG LENGTH (AS SHOWN IN IMAGE)

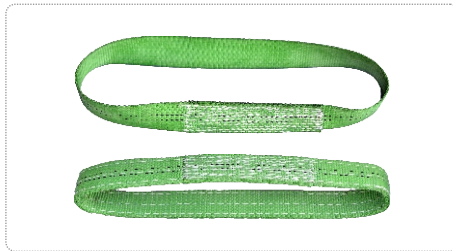


SPECIAL PURPOSE SLINGS

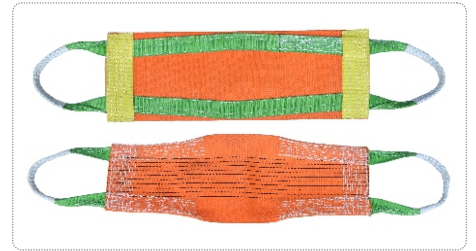
PARALLEL LANE SLINGS



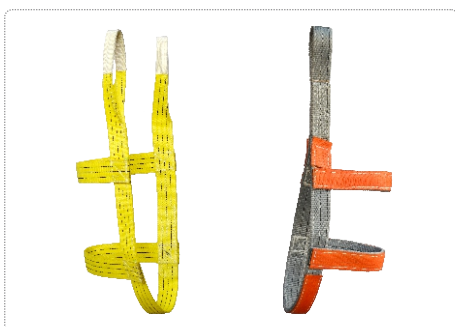
FLAT ENDLESS SLING



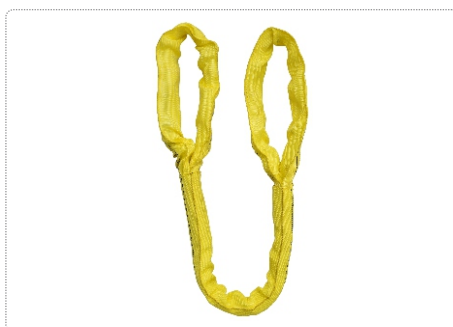
ZOLLA SLINGS



GLASS GUARD SLINGS



EYE & EYE SLING



LOWERING BELTS



MECHANICAL SLINGS AS PER IS 5245 (PART II) 1971

TYPE OF SINGLE PART SLINGS



MULTIPLE LEG WIRE ROPE SLING



Max. Safe Working Load in kg for Single part Slings

Min. Rope See mm	Vertical Lift kg.	Basket Lift kg.	Choker Lift kg.
3	70	140	50
4	130	260	100
5	200	400	150
6	250	500	190
8	550	1100	410
9	670	1340	500
10	800	1600	600
11	1000	2000	750
12	1200	2400	900
13	1400	2800	1050
14	1750	3500	1300
16	2000	4000	1500
18	2500	5000	1875
19	3000	6000	2250
20	3300	6600	2250
22	4000	8000	3000
24	4600	9100	3450
25	5000	10000	3750
29	6500	13000	4875
32	8000	16000	6000

Permissible Working Load in kg for Multileg Rope Slings

Rope Dia (mm)	At 0°			At 90°	
	Single Leg	Double Leg	Triple & Four Leg	Double Leg	Triple & Four Leg
3	70	140	210	98	147
4	130	280	390	162	275
5	200	400	600	280	420
6	250	600	780	360	625
8	550	1100	1660	770	1155
9	670	1340	2010	935	1407
10	800	1600	2400	1120	1680
11	1000	2000	3200	1400	2100
12	1200	2400	3600	1680	2620
13	1400	2800	4200	1760	2840
14	1750	3600	5260	2450	3575
16	2000	4000	6400	2400	4200
18	2500	5000	7400	3500	6260
19	3000	6000	9600	4200	6300
20	3400	6800	10200	4760	7140
22	4000	8000	12000	5100	8400
24	4500	9800	13800	6440	9180
25	5000	10000	15000	7000	10600
29	6500	13000	19500	9100	13600
32	8000	16000	24000	11200	16800

WEIGHT & BREAKING LOAD OF STEEL WIRE ROPE

As per Indian Standard Specification is 2266

DIA(MM)	MASS KG./100 MTR		MIN. BREAKING		MIN. BREAKING		MASS KG./100 MTR		MIN. BREAKING	
	6X19 & 6X37		LOAD-KN 6X19		LOAD-KN 6X37		6X36		LOAD-KN 6X36	
	FMC	IWRC	FMC	IWRC	FMC	IWRC	FMC	IWRC	FMC	IWRC
6	12.5	13.7	20	21	21	23				51
8	22.1	24.4	35	37.8	33	36				63
9	28	30.8	44	47.5	42	46	30.8	33.9	47	76
10	34.6	381	54	58.3	52	56	38	41.8	58	92
11	41.9	46.1	66	71.3	63	68	46	50.6	71	106
12	49.8	54.8	78	84.2	75	81	54.7	60.2	84	124
13	58.5	64.4	92	89.4	88	96	64.3	70.7	99	142
14	67.8	74.6	107	116	102	110	74.5	82	114	161
15	77.8	85.6	122	132	117	127	85.5	94	131	204
16	88.6	97.4	138	150	134	144	97.3	107	149	228
18	112	123	176	190	169	183	123	135	189	252
19	125	137	196	212	188	203	137	151	211	305
20	138	152	218	235	209	225	152	167	234	363
22	167	184	263	284	253	273	184	202	283	394
24	199	219	313	338	301	325	219	241	336	426
25	216	238	340	367	326	352	238	261	365	484
26	234	257	368	397	353	381	257	283	395	567
28	271	298	426	461	409	442	298	328	458	646
30	312	343	490	529	470	507	342	376	526	729
32	354	390	557	602	534	577	389	428	598	772

Bulldog Grip/
Forged Clamp



Indian

Bulldog Grip/
Forged Clamp



CRB Type

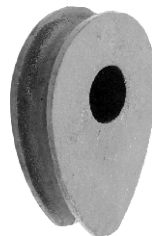
Cardium
Compound



Thimble



Solid Thimble



Reeving Thimble



Ferrule



PVC Coated Wire Rope



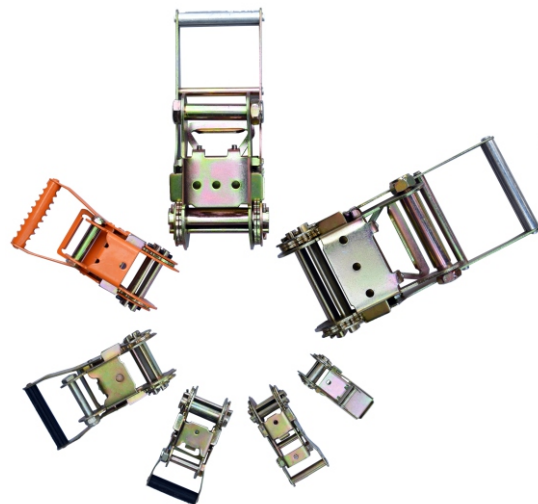
Available Size : 2 x 4, 3 x 5, 4 x 6, 6 x 8, 8 x 10, 10 x 12

Safety Sling (Whip Check)



LASHING & CHOKING ACCESSORIES

ART No.	BREAKING LOAD (KGS)	WIDTH (mm)
UR 2502	2000	25
UR 3503	3000	35
UR 5003	3000	50
UR 5005	5000	50
UR 5006	6000	50
UR 7508	8000	75
UR 7510	10000	75
UR 10012	12000	100



**RATCHET DOUBLE PART
(WITH HOOK)**



**RATCHET SINGLE PART
(ENDLESS TYPE)**



TYRE LASHING RATCHET



**LASHING WITH
CAM BUCKLE**



Available Size : 25, 35, 50MM

**ONE WAY LASHING
PLATE BUCKLE**



**ONE WAY LASHING
ROD BUCKLE**



**DOUBLE J-HOOK
WITH LATCH**



CAM BUCKLE



Available Size : 25, 35, 50MM

RATCHET TENSIONER



CORD STRAP



Available Size : 13, 16, 19, 25, 32MM

**CORD STRAP & CHIMTI
BUCKLE**



Available Size : 13, 16, 19, 25, 32MM

LASHING BATLA

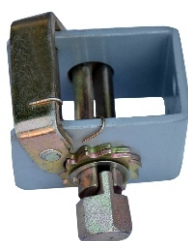


Available Size : 24, 30MM

LOAD BINDER



TRUCK RATCHET



LASHING CHAIN



TIE LASHING POINT



LIFTING TACKLES

Self Locking
Eye Hook



Swivel Self
Locking
Eye Hook



Swivel Eye Hook



Eye Hook



Clevis Eye Hook



Clevis Grab Hook



Flat Eye Hook



Foundry Hook



Crane Scale
Swivel Hook



AS Shank Hook



MS Shank Hook



Weldon Ring



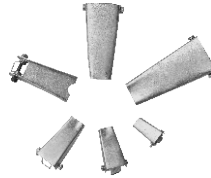
Carrabiner



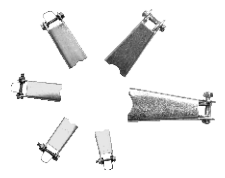
Scaffolding Hook



MS Shank
Hook Safety
Latch



Alloy Steel
Eye Hook
Safety Latch



SS ROPE, CHAIN AND FITTINGS

SS Thimble



SS Snap Hook with
out Eye Let



SS Snap Hook with
Eye Let



SS Snap Hook with
Screw



SS Wire Rope Clip



SS Bow-Shackle



SS D-Shackle



SS Wire Rope



SS Chain



SS Turn Buckle



PULLING LIFTING EQUIPMENTS

Hand Winch Indian



Hand Winch Powder Coated



Pulling Lifting Machine



Poultry Winch With Rope



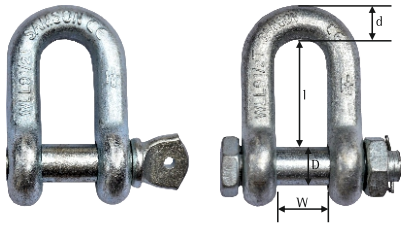
Poultry Winch Imported



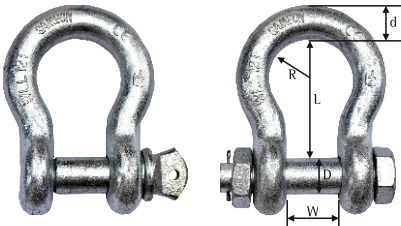
Barrel Lifter



DEE-SHACKLE



BOW-SHACKLE



SWL	BODY DIA (d)	PIN DIA (D)	JAW WIDTH (W)	D-SHACKLE INSIDE LENGTH (l)	BOW RADIUS (R)	BOW SHACKLE INSIDE LENGTH (L)
1 TON	10	12	18	40	31	45
2 TON	12	16	22	49	37	55
3.2 TON	16	19	25	55	42	63
4.75 TON	19	22	32	70	54	80
6.5 TON	22	25	34	79	61	90
8.5 TON	24	29	40	88	68	100
9.5 TON	27	32	45	99	76	110
12 TON	30	35	50	110	85	125
13.5 TON	34	38	56	124	95	140
17 TON	38	44	63	139	105	155
25 TON	43	50	70	154	120	175
35 TON	48	56	80	176	135	200
55 TON	60	70	100	220	170	270
85 TON	75	80	127	330	-	-
120 TON	90	95	146	380	-	-

EYE BOLT ORIGINAL AND TECHNICAL IMAGE

EYE BOLT		MILD STEEL SWL	HIGH TENSILE SWL	SWIVEL HOIST RING SWL	ROTATING EYE BOLT SWL
SIZE	PITCH				
M 8	1.25	85	160	-	300
M 10	1.5	150	250	-	450
M 12	1.75	220	400	1000	500
M 16	2.0	380	630	1500	1200
M 20	2.5	570	1000	2000	2000
M 24	3.0	1050	1600	4000	3150
M 30	3.5	1700	2500	6000	5000
M 36	4.0	2500	4000	10000	8000
M 42	4.5	3400	6300	12500	12000
M 48	5.0	5200	8000	16000	13000
M 56	5.5	8500	10000	17000	16000
M 64	6.0	8700	16000	18000	-
M 72	6.0	13000	20000	-	25000

Galvanised Eye Bolt



Long Stud Eye Bolt (Customised)



Galvanised Eye Nut



MS Black Eye Bolt



Swivel Hoist Ring (Heavy)



POS



Rotating Eye Bolt



Glend Eye Bolt



Swivel Eye



TURN BUCKLE

SIZE	BODY	SWL
M-10	160 MM	300 KGS
M-12	200 MM	450 KGS
M-16	250 MM	700 KGS
M-20	315 MM	1150 KGS
M-22	355 MM	1650 KGS
M-24	400 MM	2000 KGS
M-30	450 MM	3200 KGS
M-36	450 MM	4500 KGS
M-39	450 MM	5000 KGS
M-52	450 MM	10000 KGS
M-56	450 MM	15000 KGS
M-62	450 MM	20000 KGS



UE-38



UE-37



TURN BUCKLE



WIRE ROPE PULLEY

ROPE DIA	SINGLE SWL	DOUBLE SWL	TRIPLE SWL
3/8"	1000	2000	3000
1/2"	1500	3000	5000
5/8"	2500	5000	7000
3/4"	3000	6000	9000
1"	5000	10000	15000
1 1/8"	7500	15000	20000
1 1/4"	10000	20000	30000



SNATCH BLOCK



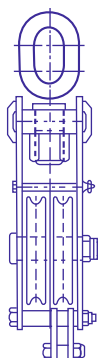
GIN PULLEY



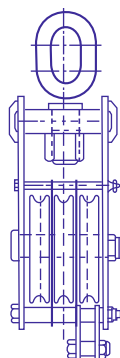
MANILA ROPE PULLEY

ROPE DIA	SINGLE SWL	DOUBLE SWL	TRIPLE SWL
1/2"	100	150	250
5/8"	150	200	300
3/4"	200	400	500
1"	500	1000	1500
1 1/4"	600	1500	2000
1 1/2"	1000	2000	2500

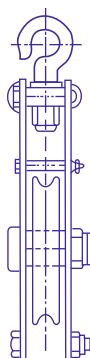
WIRE ROPE PULLEY BLOCKS



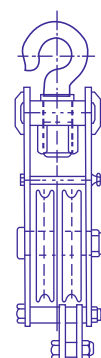
UE-32



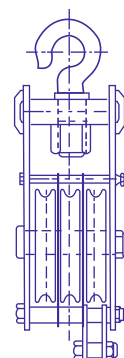
UE-33



UE-34



UE-35



UE-36

MANILA ROPE PULLEY BLOCKS

HORIZONTAL PLATE LIFTING CLAMP

INDIAN

SWL	OPENING
2 TON IN PAIR	50 MM
3 TON IN PAIR	60 MM
5 TON IN PAIR	70 MM
10 TON IN PAIR	100 MM
15 TON IN PAIR	125 MM
20 TON IN PAIR	150 MM



MARBLE / SLAB LIFTER CLAMP with Special Soft Moulded Rubber PAD for Better Gripping

LIFTER HOLE ID	100 MM
RUBBER THICKNESS	50 MM
RUBBER DIMN.	170X220 MM
MAKE : INDIAN	HEAVY DUTY



VERTICAL PLATE LIFTING CLAMP

INDIAN

SWL	REGULAR OPENING	HIGHER OPENING
1 TON	0-20 MM	20-36 MM
2 TON	0-25 MM	25-48 MM
3 TON	0-32 MM	32-62 MM
5 TON	5-40 MM	40-80 MM
10 TON	10-50 MM	50-95 MM
15 TON(A)	15-65 MM	65-125 MM
15 TON(B)		105-125 MM



UNIVERSAL PLATE LIFTING CLAMP

IMPORTED

SWL	REGULAR OPENING
1 TON	0-16 MM
2 TON	0-22 MM
3 TON	5-30 MM
5 TON	16-50 MM
8 TON	40-80 MM
16 TON	60-100 MM



PIPE LIFTING CLAMP

SWL	OPENING
2 TON IN PAIR	35 MM
3 TON IN PAIR	40 MM
5 TON IN PAIR	50 MM
10 TON IN PAIR	60 MM
15 TON IN PAIR	70 MM
20 TON IN PAIR	75 MM



BEAM CLAMP

SWL	BEAM WIDTH
1 TON	75-220 MM
2 TON	75-220 MM
3 TON	80-320 MM
5 TON	80-320 MM
10 TON	90-320 MM



MAGNETIC LIFTER

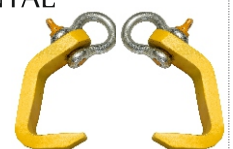
TYPE	LIFTING WEIGHT	MAX PULLING POWER
UE-PML-1	100	300
UE-PML-4	400	1200
UE-PML-6	600	1800
UE-PML-10	1000	3000
UE-PML-20	2000	6000
UE-PML-30	3000	9000



MULTI PURPOSE CLAMP



SIMPLE HORIZONTAL CLAMP



HOISTING AND ACCESSORY

Chain Pulley Block

Cap : 1 Ton to 10 Ton up to 15mtr Height



Ratchet Lever Hoist

Cap : 0.75, 1.5, 3, 6 Ton



Chain Hoist

Cap : 0.5, 1, 2, 3, 5, 7.5 & 10 Ton



Wire Rope Hoist

Cap : 1, 2, 3, 5, 10 Ton



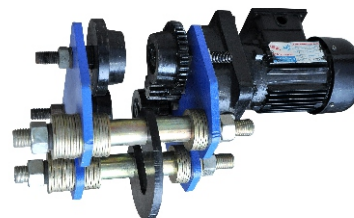
Crane Scale

Cap : 1, 2, 3, 5, 7, 10, 15, 20, 25, 30, 40 Ton



Motorized Trolley

Cap : 0.5, 1, 2, 3, 5 Ton



Bottom Hook Assembly

Four Sheeve



Bottom Hook Assembly

Two Sheeve



Builder Hoist

Cap : 250kg / 500kg & 500kg / 1000kg



Builder Hoist with Motorized Trolley

Cap : 250kg / 500kg & 500kg / 1000kg



Gear Trolley

Cap : 1, 2, 3, 5, 10 Ton



Pushpull Trolley

Cap : 0.5, 1, 2 Ton



Mobilift

Cap : 450kg full load



PUSH BUTTON STATION EASY ASSEMBLY

Crane Radio Remote



Model No.
UE-CRR

Unbreakable Body



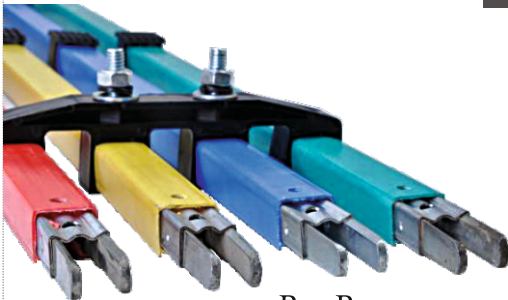
Model No.
PBS - UB
Up to Seven + E Stop

Plastic Body



Model No.
PBS - PB
Up to Eight Way

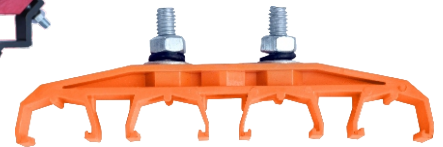
DSL SYSTEM AND ACCESSORIES



Bus Bar



Current Collector



Unbreakable Four Pole Hanger

C - RAIL SYSTEM



C - RAILS & ACCESSORIES (Material : Galvanized Steel)



C - Rail



Track Coupler



End Clamp



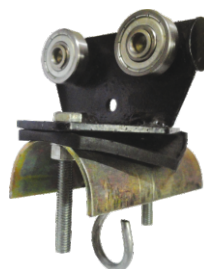
Hanger Clamp



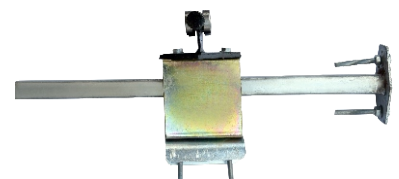
Starting Trolley



Cable Trolley



Pendant Trolley



Traveling Trolley

ELECTRICAL HOIST CRANE CABLE CARRIER EASY ASSEMBLY



**Model No.
CE - 01**
Cable Clamping Dia :
07 mm to 14 mm



**Model No.
CE - 02**
Cable Clamping Dia :
16 mm to 20 mm



**Model No.
CE - 03**
Cable Clamping Dia :
Single Cable Flat
16 mm to 35 mm



**Model No.
CE - 04**
Cable Clamping Dia :
Two Cable Flat
16 mm to 35 mm



**Model No.
CE - 05**
Cable
Clamping Dia :
25 mm



**Model No.
CE - 06**
Cable
Clamping Dia :
38 mm



**Model No.
CE - 07**
Cable
Clamping Dia :
11 mm to 25 mm

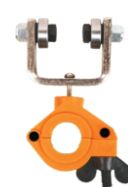
ALL ABOVE ITEM AVAILABLE WITH BIG



**Model No.
CE - 14**
Cable
Clamping Dia :
11 mm to 25 mm



**Model No.
CE - 40**



**Model No.
CE - 19**
Cable
Clamping Dia :
25 mm

DOUBLE WHEEL



**Model No.
CE - 22**
Cable
Clamping Dia :
Multi Cable



**Model No.
CE - 26**
Cable Clamping Dia:
Multi Cable
Flat Cable



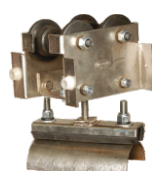
**Model No.
CE - 27**
Cable
Clamping Dia:
Multi Cable Flat Cable



**Model No.
CE - 28**
Two Wheel
Cable
Clamping Dia:
Multi Cable



**Model No.
CE - 30**
Four Wheel
(Adjustable)
Cable Clamping Dia :
Multi Cable



**Model No.
CE - 31**
Four Wheel
Cable Clamping Dia :
38mm to 75mm
(Round - Flat Cable)



**Model No.
CE - 32**
Heavy Metal
Trolley Cable
Clamping Dia :
Multi Cable



**Model No.
CE - 33**
Unbreakable Plastic
Four Wheel Heavy Trolley
Cable Clamping Dia :
Multi Cable / Flat Cable



**Model No. :
CE - 34**
Metal Trolley
Cable Clamping Dia :
10mm to 20mm



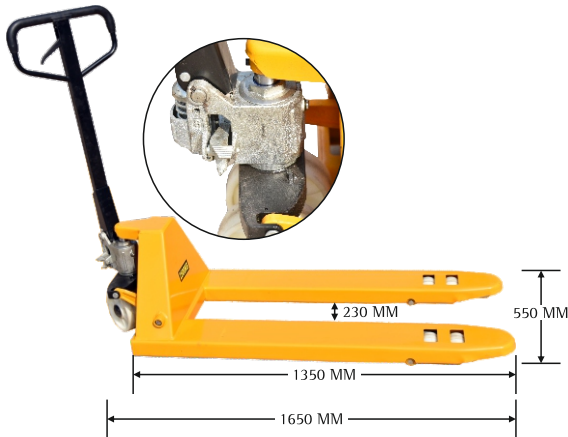
**Model No. :
CE - 35**
Metal Trolley
Double Decker
Cable Clamping Dia :
Multi Purpose



**Model No. :
CE - 36**

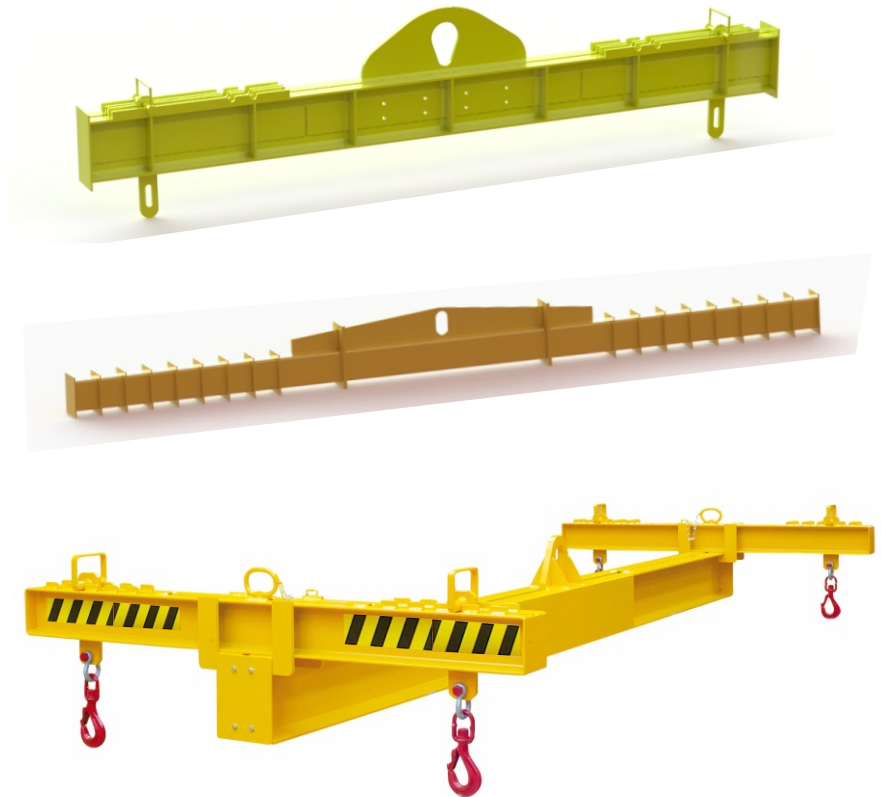
MATERIAL HANDLING EQUIPMENT

Hydraulic Hand Pallet Truck



Cap.: 2, 2.5, 3 Ton
Size : 1150 x 550, 1220 x 685 (mm)

Lifting Beam



Cap.: 50 Ton as per Requirement



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