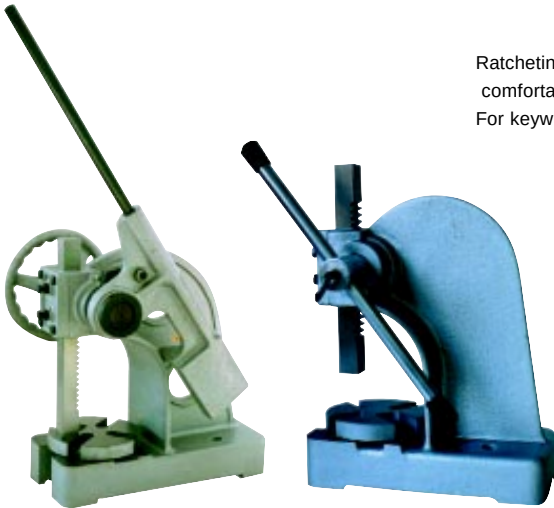


ARBOR PRESSES



Ratcheting presses put lever arm in post comfortable position for final application of force. For keyway broaches.

- Heavy stub teeth.
- Heavy castings.
- Precision made.
- 4-Position anvil.
- Steel rams.
- Steel pinions.

Press (Ton)	Height of Press	Max. Work Diameter	Cap Over Table	Ram	Largest Arbor Type	Model No.
1/2	10"	6-1/2"	4-1/2"	7-1/2"	1"	805-1005
1	13"	8"	5-1/4"	9-1/2"	1-1/8"	805-1010
2	18"	12"	8-1/2"	14"	1-5/8"	805-1020
3	23"	12"	12-1/2"	18"	1-3/4"	805-1030
5	35"	17"	18"	27"	2-7/8"	805-1050
2	18-1/2"	11-7/8"	3-1/2"	13-1/2"	1-7/8"	Ratcheting 805-1120
3	21-1/2"	12"	12-5/8"	18"	2-1/2"	Ratcheting 805-1130
5	34-1/2"	17"	18-1/4"	27-1/2"	3"	Ratcheting 805-1150

HAND NOTCHER

Heavy duty notcher cuts all shearable material with ease; steel, aluminum, plastic and rubber. Includes 1/2"x1/8" ground table with front gages. The gages offer a full 6 inches of surface allowing for easy and accurate squaring. Reversible upper blades for both splay and pierce cutting.

Specifications	Model No.130-5100
Material Capacity	16 Gauge
Capacity	4 Ton
Notch	6x6x90°
Stroke	3/4"
Table dimensions	12"x18"
Weight	210lbs
Height (less handle)	18-1/2"



SHEET METAL FOOT NOTCHER

Features:

- Notches up to 3-1/4" x 3-1/4", 16 gauge sheets
- Foot operated for ease of use
- Heavy base with mounting holes
- Hardened steel cutting blades, HRC 58.5
- Adjustable guides and blade guard
- Approximate shipping wt.:165 lbs.

Model No.130-5101



HEAVY-DUTY HAND PUNCH WITH STAND

Features:

- Punch sheet metal up to 16 gauge
- 7 different die sizes include 5/32", 7/32", 9/32", 11/32", 13/32", 15/32" & 17/32"
- Go from stand mounted operation to hand held operation for ultimate flexibility
- Each die has a center tip for easy hole alignment
- Lever actuated handle provides plenty of force
- 3" throat capacity



Model No.130-5172

PORTABLE HAND PUNCH

Producing 1 ton of force, this Hand Punch has a 16 gauge capacity in mild steel, brass and aluminum. Much quicker and safer than drilling thin stock and leaves no ragged edges. Includes 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" and 9/32" dies and wrenches.



Model No.130-5170

HEAVY-DUTY PUNCH SET

Features:

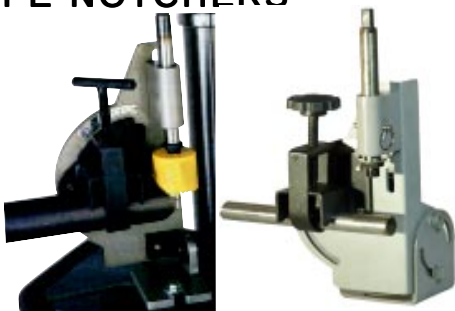
- Hand punch exerts 1 ton of force for making perfect holes in sheet metal
- Cast steel construction
- High carbon steel dies
- Die sizes include: 5/32", 7/32", 9/32", 11/32", 13/32", 15/32" and 17/32"
- Tool dimensions: 10-1/2" x 7"
- Set includes punch, dies, case, edge guide and die changing tools



Model No.130-5171

STEEL TUBE & PIPE NOTCHERS

Notches, capes, or saddles any pipe or tube up to 2" in diameter, round or square. Easy set-up for angles to 45°. Uses all standard hole saws up to 3" with either a 1/2-20 or 5/8-18 thread mount. 1/2" diameter drive shaft for use with any 1/2" capacity drill motor. Made of heavy plated chrome steel. The pipe clamp has a black oxide finish. 5-1/4x3 mounting plate with 3-1/4" drilled holes. Weight 9lbs. Hole saw not included.



Steel Model No. 130-5110
Aluminum Model No. 130-5111

HAND PUNCHER

Model No. 130-5105

- It is easy to punch a hole in steel plate.
- Punch die is interchangeable.
- Max. Punching Capacity :
Steel Plate Thickness 8mm
punch Dia. 20mm
Steel Plate Thickness 10mm
punch Dia. 16mm
- Throat Depth: 160mm.



BENCH METAL SHEAR

Cuts plate and round stick

Blade Length	Capacity Round	Capacity Flat Bar	Plates	Model No.
5	3/8	1-1/2x0.157	1/8	130-5785
6	7/16	1-3/4x3/16	3/16	130-5786
8	1/2	1-7/8x3/16	1/4	130-5788
10	1/2	1-7/8x3/16	1/4	130-5790
12	1/2	1-7/8x3/16	1/8	130-5792



MINI SHEET METAL CUTTER

For use on mild steel. 16gage capacity. Adjustable rollers can be used for straight or curved cuts. 2" Throat. Can be mounted to work bench or held in a vise. 3"x2-1/2" Base with 2 mounting holes. 11" Handl. 4-3/4" overall height (less handle)



Model No. 130-5115

MITRE TRIMMER



Model No. 130-0030

- Make those "perfect mitres" for picture frames, cabinets, chair railing, doorframes etc.
- Positive stops at 45° and at 90°
- Ground cast iron frame and two razor sharp knives
- Used to trim mitres after approximate saw cuts
- Weight : 30lbs. Approx.

THROATLESS SHEAR

Replacement blade

Model No. 130-0051

Designed to allow you to turn the workpiece at any angle for straight, curved, and irregular cuts. Will cut mild steel, aluminum, stainless steel or lighter material

- 18" handle for good leverage
- Blades: alloy tool steel, 4" length
- Dimensions: 8-1/4x13-1/2"x27-1/4"
- Base size: 5-1/8x3-7/8 with three mounting holes (3/8" diameter)
- Tool weight : 16.4lbs



Model No. 130-0050

MANUAL SHEAR

Model No. 130-7102



Model No. 130-7103



Capacity:

- Max. sheet-shearing capacity: 2mm
- Cut various kind of curve required

Max. Capacity	Model No.
2mm	130-7102
3mm	130-7103

GEARED SHEET METAL CUTTER



For use on mild steel, 16gage capacity, can be used for straight or curved cuts

Model No. 130-1305

RIGHT ANGLE IRON BENDER

- Made from steel with hardened jaws
- Special vise, eccentric clamping for ease of operation
- Will bend 7/8" rod, 3/4" square or rectangular bar 1-1/8"x3/8"
- For angles of 90° or less
- Approx. Weight 83Lbs



Model No. 130-1304

UNIVERSAL METAL BENDER

- Lightweight may be mounted in a vise or on a work bench
- Will shape metal up to 9/16" wide and 3/16" thick
- Will bend thin wall tubing to 3/8" dia. and solid bar to 1/4" dia. approx weight: 9lbs
- Metal case for storage and carrying included



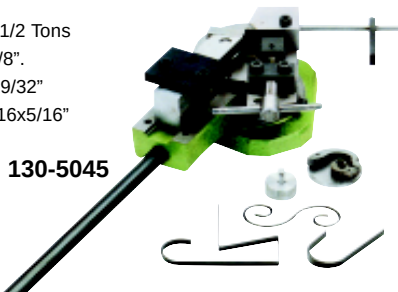
Model No.
130-0040

UNIVERSAL BENDER

For angular, roll, hoop and coil bending to produce grids, doors, gates, balcony railings, patio furniture as well as rod iron lamps, Suitable for steel, brass, copper, and aluminum.

Capacity: 28-1/2 Tons
Round Bar: 5/8".
Square Bar: 19/32"
Flat Bar: 1-3/16x5/16"

Model No. 130-5045



METAL CRAFTING TOOL SET

This handy Bench top Bending System can bend, twist and roll wrought iron up to 1-1/4" x 1/4" rectangular and 3/8" square or round stock.

- Complete set of jigs for bending any shape imaginable. Can bend curves, spirals, angles, and twist as well.
- Twisting and scrolling capacities (maximum length of 40" for each)
- Bending capacities:
Angle range: 60-90°
Maximum circle: 2-3/8",
Riveting: 1/8", 3/16" and 1/4",
each up to 1-1/4" wide.

Model No.130-1502



COMPACT BENDERS

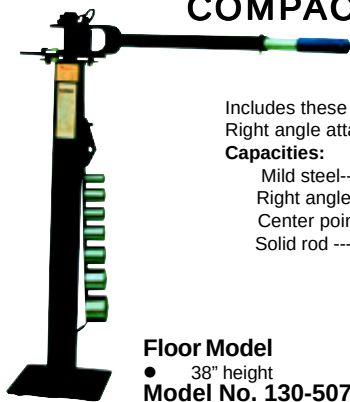
Includes these round dies: 1", 1-1/4, 1-1/2, 1-3/4, 2", 2-1/2, and 3".
Right angle attachment. Handles telescope to 44".

Capacities:

Mild steel----- 5/16x1-1/4 or 1/4x2"
Right angle bending-----3/16x1-1/4 or 1/4x1-1/4"
Center point-----1/4" thick (use 1" die for greater)
Solid rod -----1/2" (use 3" die)

Floor Model

- 38" height
- Model No. 130-5070



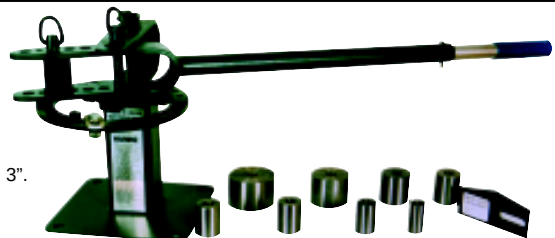
Twister Attachment

- Capacity 1/2" pickets 36" long in hot rolled, square mild steel. Handle 25" x 1-1/4".

Model No. 130-5072

Bench Model

- 12-1/2" W X 48" H X 9" L.
- Model No. 130-5071



Scroll Attachment

- Capacity 3/16x1/2 to 3/16x1" mild flat steel.

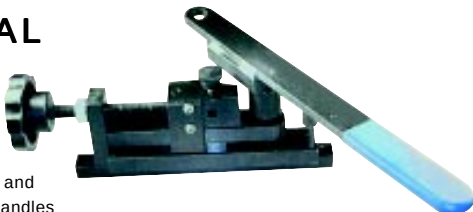
Model No. 130-5073

UNIVERSAL BENDER

Forms wire, flat metal and tubing into clamps, handles, brackets, hooks, coils and more!
Makes sharp angle bends in wire and rod up to 5/16" diameter and in flat metal to 1" x1/8". Steel construction, weighs 6lbs. Fits into a tool box and mounts on a bench or vise.

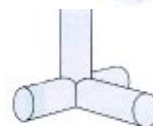
Includes circle pins for 3/16, 1/4, 1/2" diameter circles, 1" diameter circle die, form pin follower, sharp angle die, gage and handle. Optional edge bender kit adds edgewise bending capability for ductile materials to 0.12" thick and 3/4" wide. Optional circle dies form perfect circles in various diameters.

Model No. 130-5040



TUBE NOTCHERS

- Operated on tubes with up to .118" wall thickness for steel
- Advantage for joining and welding of tubes at a 90° angle.
- One device covers several tube diameters
- Horizontal and vertical operation
- Suitable for double connections.



Tube Diameters	Model No.
27-43mm(1-1/16"-1-11/16")	130-1010
48-61mm(1-7/8"-2-13/32")	130-1011

HEAVY-DUTY CONDUIT BENDER SET

Bend metal conduit all day long with this commercial grade Conduit Bender Set. Folding legs raise the bender off the ground, eliminating much of the back strain associated with other benders. This self contained unit includes 3 bending dies for 1/2", 3/4" and 1" conduit and a mounted quick release pipe vise for cutting and assembly work. Designed for go-anywhere portability. Approximate shipping weight: 69 lbs.



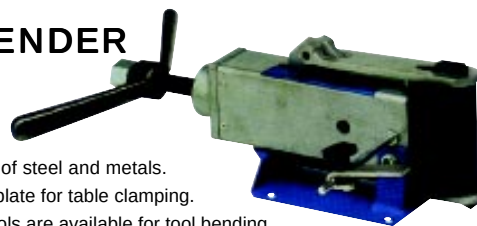
Model No.130-1500

FORM BENDER

Features:

- For cold forming of steel and metals.
- Including set-up plate for table clamping.
- Punch and die tools are available for tool bending.
- The Max. Bending force is 2.5 Ton.
- Min. Adjustment 2.5mm.
- Max. Bending capacity:

Roll material up to 20mm,
Square material up to 18mm
Flat material:
20mm(width)x18mm(Thick)
50mm(width)x11mm(Thick)
100mm(wdth)x8mm(Thick)

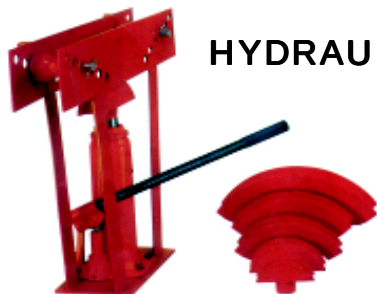


Model No. 130-5125



Model No. 130-5120

- 10 to pressure
- 3-leg stand
- 1/2"-2"



Model No. 130-5121

- 10 Ton and 16 ton
- For pipe diameters 1/2"-3"

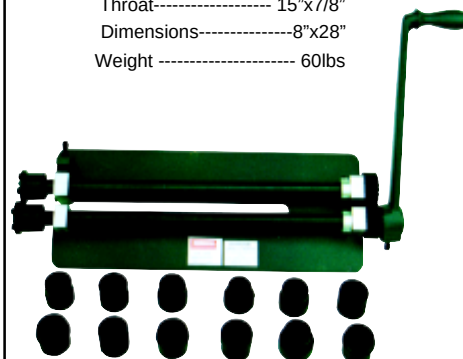
Model No	Capacity (lbs)	Working Range of Boom (mm)	Lifting Range (mm)
130-5120	1000	80~1500	0~1300
130-5122	1000	870~1290	0~2015
130-5121	2000	870~1290	0~2015

HYDRAULIC BENDER

BEAD ROLLER KIT

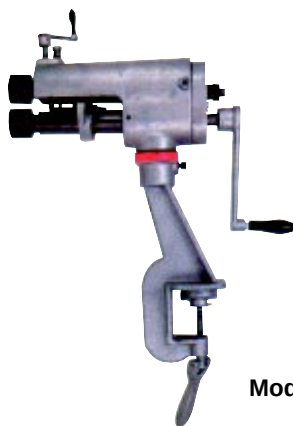
Capacities:

Mild steel----- 18 gauge
Throat----- 15"x7/8"
Dimensions-----8"x28"
Weight ----- 60lbs



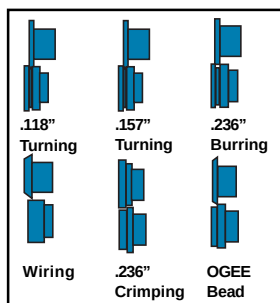
Model No. 130-5060

ROTARY MACHINE



Model No. 130-5400

- Performs burring, edging, elbowing, flanging, flat-tening and turning.
- Long throat makes unit highly versatile.
- includes 6 rolls: 2 turning, 1 each of burring, wiring, crimping, and ogee bead.
- Standard clamp for table mount operation.



Cutting Capacity.....22Gage
Distance Between Shaft Centers.....2" (50.8mm)
Depth of Throat to Frame.....7" (175mm)
Net Weight.....64Lbs(29 kgs)
Gross Weight.....71Lbs(32kgs)
Overall Dimension (LXWXH).....16"x8"x16"
(458x203x406mm)

GEAR DRIVEN RING ROLLER

Precision, high quality machined roller forms rings out of not rolled flat stock, Metal sizes 3/16"x1" and up to 1/4" round. Create rings from 3" diameter to as large as you need. all surface are heat-treated and hardened for long life. Create chandelier, plant Holders, ornamental iron work and more.



Model No. 130-1111

HAND PIPE BENDER



For Most (inch):
 Round Pipe (Outer Diameter): 3/8", 1/2", 9/16", 5/8", 3/4", 7/8"
 Square Pipe (Outer Diameter): 3/4", 1"
 Pipe Thickness: 0.8/1.2mm
 Max. Bending Angle: 180°
 N.W./G.W.: 24.5/26kg
 Packing Dimension: 53x20.5x16cm

Model No. 130-6103

MANUAL METALCRAFT STRIPE STEEL PRESSING MACHINE

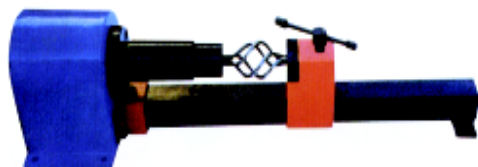


Model No. 130-6104

Flat Steel can be pressed into stripes with rough and uneven surface, before making them into U-shape which is used as a decoration craft at the welded points of your metalcraft product.

Max. Sizes of Stocks to be Processed (mm)	Steel stripe	20x1.5
Net weight (kg)		12
Gross weight(kg)		14
External size (LxWxH)(mm)		180x170x370
Packing size (LxWxH)(mm)		390x180x200

MANUAL METALCRAFT LANTERN TWISTING MACHINE



Model No. 130-6105



Weld the four square steel stocks ranged together into a square shape twisting them on your machine until they come into a shape of lantern which is an ideal metalcraft for decoration.

Dimensions of stocks to be processed(mm)	Square Steel	6x6	8x8
	Round Steel	Ø6	Ø8
Net weight (kg)			29
Gross weight(kg)			32
External size (LxWxH)(mm)			790x190x210
Packing size (LxWxH)(mm)			810x230x220

MANUAL METALCRAFT ANGLE BENDING MACHINE



The machine can be used in line with your manual metalcraft steel stripe pressing machine, bending stripe stocks into U-shape which is used as a decoration craft at the welded points of your metalcraft product.

Processing capacities	Steel stripe	20x1.5
Net weight (kg)		7.4
Gross weight(kg)		8.4
External size (LxWxH)(mm)		600x150x110
Packing size (LxWxH)(mm)		610x200x110

3-in-1 COMBINATION of SHEAR, BRAKE & ROLLS



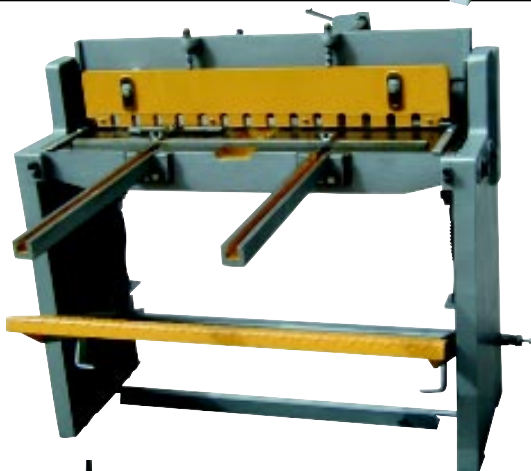
- Removable male dies with female dies.
- Micro adjustable set back Gauge standard equipment.
- 24" two position handle.

Includes:

Set of male dies and female dies. Also micro quick adjustment back gauge and shear stock hold down as standard equipment.

	Model No. 130-1200	Model No. 130-2400	Model No. 130-3000	Model No. 130-4000	Model No. 130-5231
Specifications					
Width	12"	24"	30"	40"	52"
Rolling Dia.	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"
Weight	115lbs	264lbs	285lbs	570lbs	680lbs

PRECISION FOOT SHEARS

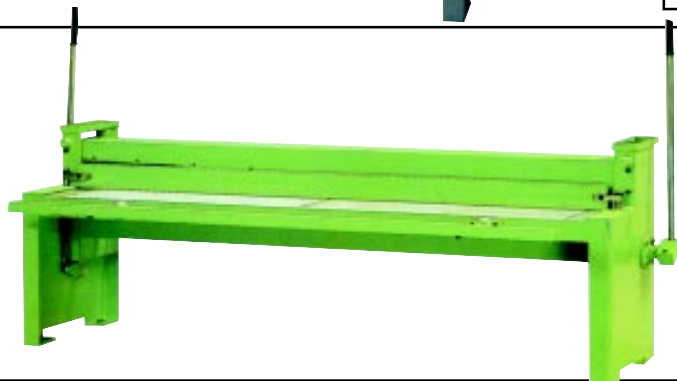


37" & 52" X 16 Gauge

- Front, Side & Back Gauge.
- Use for mild steel, aluminum, copper, brass, zinc, plastic and lead.
- Finger guards.
- High chrome high steel blade.

	37" x 16 Gauge	52" x 16 Gauge
Specifications	Model No. 130-3700	Model No. 130-5200
Capacity: 16 Gauge	37"	52"
Range Back Gauge	30-3/4"	30-3/4"
Range Front Gauge	35"	37-1/2"
Weight	775lbs	1,030lbs

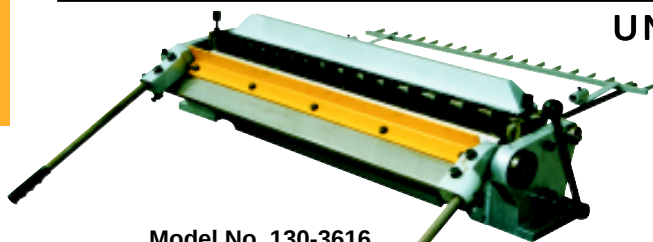
HAND SHEAR



- Dimension: 96"x29-1/2"x 41-1/3".
- Weight 550lbs.
- Max Shear Width: 78-5/8".
- Shear Thickness: 1/20"

Model No. 130-5155

UNIVERSAL BRAKES

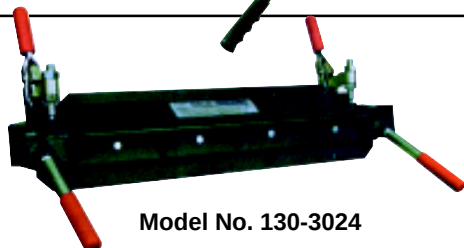


Model No. 130-3616

- Completely portable.
- Rigid cast iron.
- Bronze bushings.
- Maximum gage capacities are applicable when use mild steel.
- Using galvanized steel lowers the maximum gage capacity.

Specifications	Model No. 130-3616
Max. Bending Length	36"
Capacity Mild Steel	16 Gauge
Max. Lift of Beam	3/4"
Finger Width	1-6"
Max. Depth of Box	3"
Weight	405 lbs.

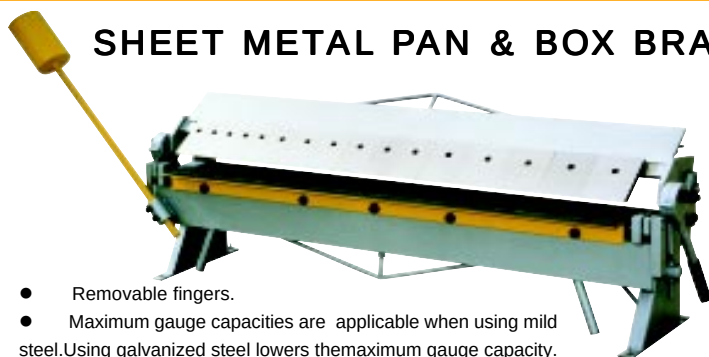
24" BENDING BRAKES



Model No. 130-3024

- Unlimited throat depth. 4 opening. 18 gage capacity. Maximum angle 135 degree.
- Fully Steel construction with a machined bending edge.
- Both simple and complex forming, like boxes, trays, covers, etc.
- Unique toggle clamp designed for quick and positive clamping.

SHEET METAL PAN & BOX BRAKES



- Removable fingers.
- Maximum gauge capacities are applicable when using mild steel. Using galvanized steel lowers the maximum gauge capacity.

Specification	48"x22 Gauge	48"x16 Gauge
	Model No.130-4822	Model No.130-4816
Capacity: Mild Steel	22 Gauge	16 Gauge
Stainless Steel	26 Gauge	20 Gauge
Max. Beam Lift	7/8"	1-1/4"
Max. Bend Length	48-1/4"	48-1/4"
Min. Reverse Bend	5/16"	5/16"
Finger Width	2", 3", 4"	2", 3", 4"
Number of Fingers	16"	16"
Max. Box Depth	3"	3"
Beam Adjustment	0-1/8"	0-5/8"



48" HEAVY DUTY HAND BRAKE

- Max bending thickness: 12 gage
- Max bending width: 48"
- height of worktable above the floor: 30"
- Overall dimension of the machine
Length: 2250mm
Width: 556mm
Height: 1103mm
- Net Weight : 541KG

Model No.130-5035



Model No.130-5000

52" HEAVY DUTY HAND BRAKE

- Max bending thickness: 16 gage
- Max bending width: 52"
- height of worktable above the floor: 30"
- Overall dimension of the machine
Length: 2250mm
Width: 556mm
Height: 1103mm
- Net Weight : 541KG



Bolted construction.
Painted steel plate

OPERATION STAND



3-in-1 stand for 30" (FOR 130-3000)
3-in-1 stand for 40" (FOR 130-4000)
3-in-1 stand for 52" (FOR 130-5231)
Rolls stand for 50"x16" (FOR 130-5016)
Brake stand for 48"x16 & 48"x22 Pan & Box Brakes
(For 130-4816 & 130-4822)

Model No. 130-2030

Model No. 130-2040

Model No. 130-2052

Model No. 130-2050

Model No. 130-2048

Stand for Hand Notcher (130-5100)

Size: 22"x20"x30"

Weight: 90Lbs

Model No. 130-2016

48" HAND BRAKE

Bench Model

Simple, easy to set up and operate. Body sections are welded steel plate, with heavy truss rods and braces.

Model No. 130-5160

- Capacity mild steel: 20 gage.
- Bending length: 48-1/4".
- Max. Depth of box: 4"
- Max. lift of beam: 1-1/4"
- Ship weight: 470 lbs.



12" BENCH HAND BRAKE

Perfect for the home hobbyist and delicate forming jobs.

- Mild steel up to 18 gage.
- Adjustable cams for bending from 0 to 135 degree.
- Ground bed for clean, straight edge forming.

Model No. 130-5112



HAND BENDING BRAKE

- Dimension 93"x27-1/2"x41"
- Weight 790lbs.
- Bends 22 gauge steel

Model No. 130-5150

- Dimension 73"x27-1/2"x41"
- Weight 680lbs.
- Bends 20 gauge steel

Model No. 130-5145

36" METAL BRAKE



Model No. 130-3612

Description:

- 36" Effective width
- Max thickness of steel: 12 gauge
- Minimum bend angle: 0°
- Maximum bend angle: 120°
- Weight 177Lbs

Features&Benefits:

- Heavy duty all steel construction
- Mount on work bench or use stand(include)
- Easily bends up to 12 gauge sheet metal
- Quickly adjusts for different sheet metal thickness



130-5135



130-5130

BENDING BRAKE

	Model No. 130-5130	Model No. 130-5135
Width	41"	42"
Capacity	18Gage	18Gage
Weight	205lbs	209lbs
Dimension	54"x40"x38-1/2"	51-1/2"x38-1/2"x30-1/2"

40" PAN AND BOX BRAKE

Features:

- Foot operated clamping beam with automatic lock and pedal release
- Eccentric cam actuated brake handle
- Adjustable clamping bar height
- 12 various sized box fingers

Specifications:

Maximum capacity: 40"

Gauge: 12 gauge mild steel

Maximum clamping beam lift: 1-3/4"

Maximum bending angle: 135°

Box finger sizes: 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 3", 4", 5", 6" and 10"

Overall size: 53" W x 45" H x 32-1/2" D

Footprint: 46-1/2" W x 32-1/2" D

Approximate shipping weight: 740 lbs.



Model No.130-4012

Bend 12 gauge mild steel up to 40" wide or use the various sized box fingers to make bent tabs. A foot operated clamping beam locks the workpiece in place and a hand operated brake handle bends any angle up to 135°. A great addition to any sheet metal shop!

50" PAN BOX BRAKE

- Maximum working length: 50"
- Maximum sheet metal thickness: 16 Ga. mild steel
- Maximum clamping beam lift: 1-7/8"
- Maximum bending angle: 135°
- Box bending fingers" 6 - 4", 5 - 3", 4 - 2", 2 - 1-1/2"
- Foot controlled clamping beam
- Spring counter balanced bending beam
- Overall dimensions: 63" wide x 44-3/4" high x 35-1/2" deep
- Weight: 945 lbs.



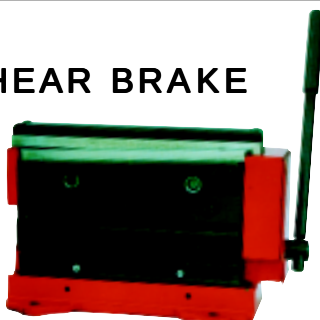
Model No.130-5026



Back

7-1/2" MINI SHEAR BRAKE

- Blade length: 8".
 - Max. Cutting/ Bending length: 7-7/8".
 - Mounting base 9"x5".
- Capacities:
Copper and brass---20 gauge
Aluminum-----18gauge



Model No. 130-5050

40" BENDING BRAKE

Specifications:

- Dimension: 63-1/2"x23-1/2"x50".
- 1600lbs. Tool weight
- Bends 16 gauge steel.

Model No. 130-5140



12" & 24" PAN & BOX BRAKES

Choose from our 12" or 24" pan and box brake to get your job done. These bench top model can handle 20 gage mild steel and are built to take on any serious bending work

Features:

- Material capacity: 12"x20Ga. mild steel
- Brake angle: 0° to 135°
- Box fingers: 2-1", 2-2" and 2-3"
- Weight: 63lbs



Model No.
130-7012

Features:

- Material capacity: 24"x20Ga. mild steel
- Brake angle: 0° to 135°
- Box fingers: 2-1", 4-2", 2-3" and 2-4"
- Weight: 100lbs



Model No.130-7024

REBAR CUTTERS/BENDERS

Features:

- It is designed to cut steel bar, which diameter is not more than 3/4", and could bend the rebar to 90° maximum, by adjusting the clamp arm.
- Base: 12-3/64"x6"
- Weight: 80lbs.

Model No.130-5010

SET OF KNIVES OF THIS BENDER
COULD BE SUPPLIED SEPARATELY

KNIVES Model No. 130-0020



MIGHTY MINI BENDER

- For shops, schools, and hobbyists.
- Clean smooth bends up to 90°.
- Use for heating and cooling ducts. Production runs or one time fabrication of boxes, covers and trays.
- 18" bender could bend and form up to 16 Gauge thick sheet metal. Certain applications require a cut of 1" deep slot in brake bar.
- 30", 40" bender handles up to 16 Gauge aluminum & 18 Gauge steel.

18" Model No. 130-5018
30" Model No. 130-5030



30" Model No. 130-4030
40" Model No. 130-4040

PROFESSIONAL ENGLISH WHEEL

This Professional English Wheel rolls beads and forms mild steel up to 16 gauge. Features 9 interchangeable hardened metal rolls with sealed bearings, cam quick release and foot wheel.

- Overall dimensions: 53"H x 30-7/8"W x 44-1/2"D
- Throat: 37-3/4"
- 90° swivel head
- Detailed instruction manual
- Upper roll size: flat, 2-1/4"W x 6" diameter
- Bottom roll sizes: 1/8", 1/2" and 3/4" edge radius x 6" crown radius, flat with 5/16" x 1/4" step, 1.55"W x 0.65"D groove, 0.82"W x 0.65"D groove and 2 flat rolls
- Approx. shipping wt.: 496 lbs.



Model No.130-8000



PROFESSIONAL PLANISHING HAMMER

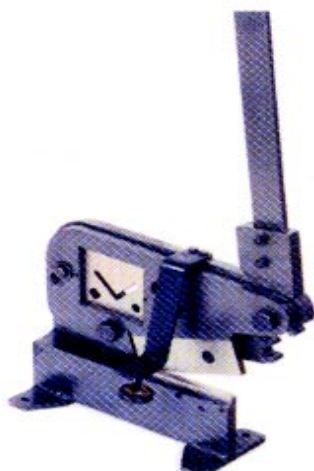
Great for all sheet metal forming, this Professional Planishing Hammer will shape mild steel up to 16 gauge. Air operated, it includes filter/regulator/oiler and 110V foot pedal. Stainless steel main shaft and hardened steel hammer head.

- Detailed instruction manual
- Overall dimensions: 62"H x 30-7/8"W x 34-1/2"D
- Frame tube size: 4" x 4"
- Throat: 24"
- Head opening: 2-1/2"
- Air requirements: 12
- Blows per minute: 4,600
- Height adjustment: 1-1/2"
- Approx. shipping wt.: 213lbs.



Model No.130-8010





Model No.130-7001

COMBINATION ANGLE, ROD, AND FLAT CUTTER

Capacity:

- Angle -2"x2"x3/16"
- Rod-9/16"
- Flat-2"x5/16"
- Robust steel plate frames
- Rack and pinion operation
- Blades of high grade tool steel
- Blades with two cutting edges
- Complete body size: 19"x19"
- Cuts plates, flats, rounds, squares and angle irons
- Blade size: 7-1/2"x2-1/2"x7/16"
- Weight of the body with 4ft. handle: 48Kg



HAND SHEAR

- Cutting capacity: 1/8" Plate

Two excellent models to suit your needs. For cutting metal-plate and flat bar stock. Blade are made of high speed steel and accurately tempered

10" Model No.130-7202

12" Model No.130-7203

PRECISION LEVER PRESS



Model No.
130-1300

For precision assembly work and for shearing, Shaping, Punching of light stock, Metal or plastic

- Ideal for small-parts and production assembly
- Reted to withstand 1000Lbs. of force
- Hard chromed ram
- Opening 5"x2-1/16", ram to column
- Two 1/4" holes are provided in base for anchoring
- Dimensions: 7-3/4"Hx5-1/2"Dx2-7/8"W

Specifications

Base Size	2.875"Wx5.5"L
Height	7.75"
Capacity	5.125"
Max.Diameter	4.125"
Pressure	0.5Tons
Weight	14Lbs

6" DEEP THROAT LEVER PRESS

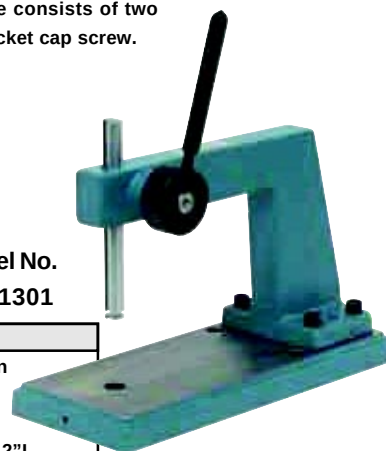
Utilizes a 5/8" diameter precision ground ram. Press consists of a ground cast iron base and separate column. The base consists of two mounting holes for 1/4" socket cap screw.

- Throat clearance: 6"
- Adjustable down stop
- Up stroke limiter

Model No.
130-1301

Specifications

Pressure	1/4 Ton
Height	7.625"
Capacity	5"
Base.Diameter	5"Wx12"L





PROTABLE BENCHTOP 14" IN-LINE BRAKE

- With removeable fingers
- 4pcs 1", 3", 4" and 6"
- 20 gage capacity in mild steel
- Weight: 45Lbs

Model No. 130-1302



12" BENCH SHEAR

- Rear drop off gage
- Front steel rule graduated in inch and metric
- Hardened and ground steel blades
- Upper blade is double angle ground for easy cuts
- Protective, stationary front&rear plastic shields
- 2 brackets secure shear to work table

Model No. 130-1303

Capacity	
Aluminum	0.050"
Brass	0.025"
Steel	0.020"
Dimensions	26"x14"x11"
Weight	35Lbs

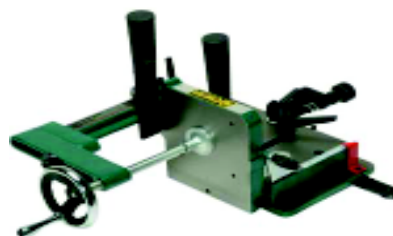
ROUTER TABLE



Model No. 132-1000

- Size: 17"x15-3/4"x11-1/2"
- 3/4" M.D.F top with melamine surface
- Weight: 10Kg
- Includes hold downs and feather board

TENON JIG



Model No. 132-1010

- Screw clamping to 5" clamping plate with adjustment to 20 from vertical
- 45fence to allow compound angles
- micro adjustment

POWER SLITTER



Specifications	Model No. 132-2024	Model No. 132-1624	Model No. 132-1630	Model No. 132-1424
Max. cutting capacity (Mild steel)	20ga. (0.359")	16ga. (0.598")	16ga. (0.598")	14ga. (0.0747")
Maximum cut width	24.25"	24.25"	30.25"	24.25"
Minimum cut width	1.25"	1.25"	1.25"	1.25"
Cutting speed	90 sfm	90 sfm	90 sfm	90 sfm
Horsepower	1/3ph	3/4ph	3/4ph	1ph
Voltage	115	115/230	115/230	115/230
Phase	1ph	1ph	1ph	1ph
Cycle	60Hz	60Hz	60Hz	60Hz
Full load amps	6.4 amps	11.6/5.8 amps	11.6/5.8 amps	15.2/7.6 amps
Shaft diameter	1.25"	1.50"	2.0"	2.0"
Blades (std)	2pcs	2pcs	2pcs	2pcs
	4"x0.5"x0.75"	4"x0.5"x0.75"	4"x0.5"x0.75"	4"x0.5"x0.75"
Side wall thickness	0.375" steel plate	1" steel plate	1" steel plate	1" steel plate
Dry weight	215 Lbs	375 Lbs	540 Lbs	460 Lbs

SLIP ROLLS

Maximum gauge capacities are applicable when using mild steel.
Using galvanized steel lowers the maximum gauge capacity.



130-2420

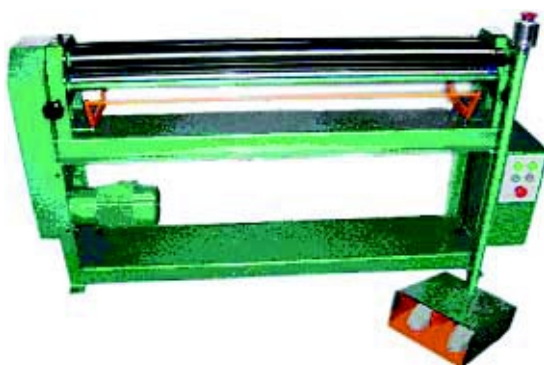


130-5016

Capacity	Dia. Of Rolls	Weight	Model No.
12"x22Gauge	1"	37lbs	130-1222
24"x20Gauge	2"	140lbs	130-2420
36"x22Gauge	2"	280lbs	130-3622
50"x16Gauge	3"	570lbs	130-5016

50" POWER SLIP ROLLS

- Gear driven rolls
- Ridge construction for long life and precision operation
- All rolls are made of polished, turned, and ground high grade carbon steel
- Front mounted handle to lift upper roll for easy workpiece removal



3PH 220V/400V

Specifications	Model No. 130-7104	Model No. 130-7105
Max. Rolling width	40"(1016mm)	50"(1280mm)
Max. Rolling thickness	16Ga(1.5mm)	16Ga(1.5mm)
Rolling diameter	2"(50mm)	3"(75mm)
Rotate speed	22rpm	22rpm
Motor power	0.75kw	0.75kw
Weight	350kg	400kg

POWER TABLE FEEDS

125 in/lbs of torque for mills with 5/8 Lead Screw



Reversible, has 1.5 second time delay for feed reversal. Variable speed control allows the operation to select the right speed for the selected cut. Limit Switch for sensitive stop. 115V/60 Cycle. Rapid Traverse Speed: 40"/Minute. Feed Range: 0-25"/mMinute Auto Shut-off at end of cut.

Axis	Volt/Frequency	Torque	Model No.
X-axis	240v/50hzs	135lbs	199-1049
X-axis	115v/60hz	135lbs	199-1050
X-axis	115v/60hz	150lbs	199-1051
Y-axis	115v/60hz	135lbs	199-1052
Y-axis	115v/60hz	150lbs	199-1053
Y-axis	240v/50hzs	135lbs	199-1054
Z-axis	115v/60hzs	150lbs	199-1055
Z-axis	240v/50hzs	135lbs	199-1056
Feed Horizontal type	115v/60hzs	150lbs	199-1057
Feed Horizontal type	240v/50hzs	135lbs	199-1058

TOOL SCOOT

Keep tools organized and helps protect from damage



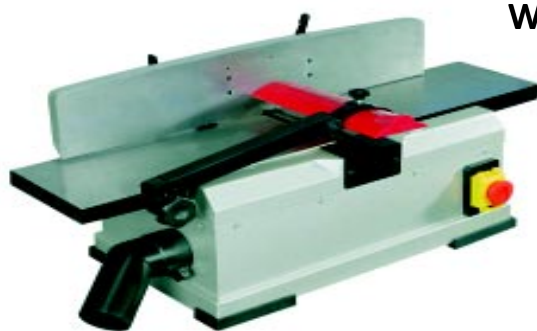
- Heavy gage steel, red baked epoxy finish
- Angled tray for quick access from either side
- Interlocking side panels for added strength
- Nylon inserts reduce damage
- Load rated at 1000Lbs
- Dimensions: 35-1/4"Lx18"Wx35"H



Tool Type	Tool Cap.	WT.(Lbs)	Model No.
BT,CAT"V" Flange,NMTB for 40 Taper	48	75	199-0100
BT,CAT"V" Flange,NMTB for 50 Taper	36	75	199-0101
Clear vinyl cover with zipper for toolscoot		16	199-0102

Tool holders and cutting tools not included

WOOD JOINTER



1500-4000

Optional open stand
and canister filter

- A compact bench top design
- Machined cast-iron surface and steel base
- A mine impeller sucks the chips away
- Built in dust collector
- Quick adjustment knives



America style
optional guard

Model	150-4000	
Motor	Input: 1200W	
Table	Length: 730mm	Width: 160mm
Cutterhead	Speed: 8000r.p.m./50Hz	10000r.p.m./60Hz
	Number of knives: 2	Diameter: 50mm
Fence	Size: 530x105mm	Thit: 45° in and out
Cutting capacity	Width: 155mm	Depth: 3.175mm
Weight	NWL: 40kg	GWL: 45kg
Packing measure	L840xW380xH280mm	
Units/20' container	330pieces	



- Infeed and outfeed precision ground cast iron tables are easily adjusted by a handwheel
- Safety cutterhead guard pivots out of the way of work during operation
- Closed ladder-shaped stand with four rubber feet
- TIEFC motor
- Fence is attached in the front of the infeed table
- Three carbon blades fitted right in with cutterhead



Agile angle adjustment



Optional bridge
cutterhead guard

Model	150-4001	150-4002	150-4003	150-4004
Motor	Input: 3/HP	Input: 1HP	Input: 1HP	Input: 2HP
Table	Length: 900mm Width: 130mm	Length: 1030mm Width: 160mm	Length: 1030mm Width: 210mm	Length: 1340mm Width: 230mm
Cutterhead	Speed: 4400r.p.m./50Hz 5000r.p.m./60Hz	Speed: 4400r.p.m./50Hz 5000r.p.m./60Hz	Speed: 4400r.p.m./50Hz 5000r.p.m./60Hz	Speed: 4400r.p.m./50Hz 5000r.p.m./60Hz
	Number of knives: 3 Diameter: 60mm	Number of knives: 3 Diameter: 60mm	Number of knives: 3 Diameter: 60mm	Number of knives: 3 Diameter: 65mm
Fence	Size: 630 x 75mm	Size: 675 x 98mm	Size: 675 x 98mm	Size: 675 x 98mm
	Thit: 45° in and out	Thit: 45° in and out	Thit: 45° in and out	Thit: 45° in and out
Cutting capacity	Width: 102mm Depth: 3.175mm	Width: 155mm Depth: 3.175mm	Width: 175mm Depth: 3.175mm	Width: 200mm Depth: 3.175mm
	Rabbet: 12.7mm	Rabbet: 12.7mm	Rabbet: 12.7mm	Rabbet: 10mm
Weight	NWL: 65kg GWL: 70kg	NWL: 66.8kg GWL: 90kg	NWL: 98kg GWL: 105kg	NWL: 113kg GWL: 144kg
Packing measure	L960 x W440 x H260mm	L1100 x W490 x H275mm	L1100 x W545 x H285mm	L1365 x W610 x H295mm
Units/20' container	250pieces	198pieces	140pieces	90pieces

WOOD JOINTER



150-4005

- Close stand with four rubber feet
- THFC 1HP motor
- Three HSS blades to provides rapid cutting
- Shield lubricated ball bearing construction
- Infeed and outfeed tables have handwheels for convenient table height adjustment
- A rabbeting ledge is built into the tables



150-4006



150-4007

Model	150-4005	150-4006	150-4007
Motor	Input: 1HP	Input: 1HP	Input: 1HP
Table	Length:1205mm Width:185mm	Length:1205mm Width:185mm	Length:1205mm Width:185mm
Cutterhead	Speed:4400r.p.m./50Hz 500r.p.m./60Hz Number of knives:3 Diameter:61mm	Speed:4400r.p.m./50Hz 500r.p.m./60Hz Number of knives:3 Diameter:61mm	Speed:4400r.p.m./50Hz 500r.p.m./60Hz Number of knives:3 Diameter:61mm
Fence	Size:740 x 98mm Tilt:45° in and out	Size:740 x 98mm Tilt:45° in and out	Size:740 x 120mm Tilt:45° in and out
Cutting capacity	Width:152mm Depth:3.175mm Rabbeting:12.7mm	Width:152mm Depth:3.175mm Rabbeting:12.7mm	Width:152mm Depth:3.175mm Rabbeting:12.7mm
Weight	N.W.:102kg G.W.:108kg	N.W.:Body:73kg Stand:29kg G.W.:Body:83kg Stand:31kg	N.W.:Body:73kg Stand:29kg G.W.:Body:83kg Stand:31kg
Packing measure	L1245 x W395 x H275	Body:L1270 x W370 x H270mm Stand:L495 x W395 x H295mm	Body:L1270 x W370 x H270mm Stand:L495 x W395 x H295mm
Units/20' container	150pieces	100pieces	100pieces

- Extra longer cast iron tables with a precision machined finish will ensure accuracy
- Includes jack-screw and accessory spring kit for setting blades
- Spring loaded front blade guard for maximum protection
- Three HSS blades fitted right in with cutterhead
- Full 6" wide cutting capacity
- THFC 1HP motor



Optional 3 Hss blade
cutterhead or Spiral
Cutterhead

Back view of fence
adjustment device

Model	150-4008
Motor	Input: 1HP
Table	Length: 1415mm Width:184mm
Cutterhead	Speed:4400r.p.m./50Hz 5200r.p.m./60Hz Number of knives:3 Diameter:61mm
Fence	Size:740 x 98mm Tilt:45° in and out
Cutting capacity	Width:152mm Depth:3.175mm Rabbeting:12.7mm
Weight	N.W.:Body:90kg Stand:29kg G.W.:Body:104kg Stand:31kg
Packing measure	Body:L1600 x W360 x H250mm Stand:L495 x W395 x H295mm
Units/20' container	130pieces



12" WOOD JOINTER



- This is one tough industrial-duty jointer
- Precision ground cast iron table surface is heated for hardness
- Sturdy fabricated steel stand with hooks for easy carrying
- Magnetic controlled switch
- Fence can be locked from 45° to 90°
- Sound reducing table lips on both sides of the cutterhead reduce noise

Model	150-4009	150-4010
Motor	Input: 3HP	Input: 3HP
Table	Length: 2250mm Width: 320mm	Length: 1830mm Width: 320mm
Cutterhead	Speed: 4600r.p.m./50Hz 5500r.p.m./60Hz Number of knives: 3 Diameter: 98mm	Speed: 4600r.p.m./50Hz 5500r.p.m./60Hz Number of knives: 3 Diameter: 98mm
Fence	Size: 1050 x 105mm Tilt: 45° in and out	Size: 1050 x 105mm Tilt: 45° in and out
Cutting capacity	Width: 305mm Depth: 3.175mm Rabbeting: 16mm	Width: 305mm Depth: 3.175mm Rabbeting: 16mm
Weight	N.W.: 390kg G.W.: 450kg	N.W.: 347kg G.W.: 393kg
Packing measure	L2300 x W610 x H905mm	L1900 x W610 x H905mm
Units/20' container	16pieces	16pieces

6"x9" BELT AND DISC SANDER

- Steel pulley cover
- All ball bearing construction
- Heavy-duty mitre gauge
- Powder coated paint
- The convenient, quick-release
- Precision ground cast iron table
- Lever makes belt changed and tension adjustment a snap



150-4100



150-4101

Model	150-4100	150-4101
Motor	Output: 370/500W	Output: 370/500W
Speed	Belt: 50Hz 1020RPM 60Hz 1240RPM Disc: 50Hz 1400RPM 60Hz 1700RPM	Belt: 50Hz 1020RPM 60Hz 1240RPM Disc: 50Hz 1400RPM 60Hz 1700RPM
Abrasive belt	Length: 43" Width: 6"	Length: 43" Width: 6"
Disc	Diameter: 9"	Diameter: 9"
Weight	N.W.: 49kg G.W.: 52kg	N.W.: 58kg G.W.: 60kg
Packing measure	L695 x W430 x H445mm	L695 x W610 x H450mm
Units/20' container	215pieces	140pieces

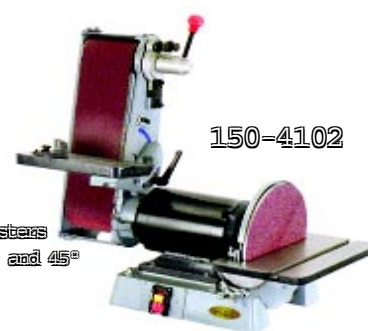
6"x12" BELT AND DISC SANDER



150-4104



150-4103



150-4102

- Specially designed belt guard
- EXCLUSIVE thumbscrew belt tracking adjustment
- One-piece formed steel heavy-duty closed stand with built-in casters
- Two precision-ground cast iron tables have positive stops at 90° and 45°

Model	150-4102	150-4103
Motor	Output: 550W	Output: 550W
Speed	Belt: 550m/min 50Hz 670m/min 60Hz Disc: 1400m/min 50Hz 1700m/min 60Hz	Belt: 550m/min 50Hz 670m/min 60Hz Disc: 1400m/min 50Hz 1700m/min 60Hz
Abrasive belt	Length: 48" Width: 6"	Length: 48" Width: 6"
Disc	Diameter: 12"	Diameter: 12"
Weight	N.W.: 80kg G.W.: 95kg	N.W.: 90kg G.W.: 105kg
Packing measure	L775 x W695 x H460mm	L775 x W695 x H460mm
Units/20' container	120 pieces	120 pieces

Model	150-4104
Motor	Output: 550W
Speed	Belt: 550m/min 50Hz 670m/min 60Hz Disc: 1400m/min 50Hz 1700m/min 60Hz
Abrasive belt	Length: 48" Width: 6"
Disc	Diameter: 12"
Weight	N.W.: Body 80kg stand 15kg G.W.: Body 95kg stand 16.5kg
Packing measure	Body: L775 x W695 x H460mm Stand: L485 x W420 x H595mm
Units/20' container	70 pieces

VERTICAL DRILLING MACHINE



125-0100



125-0101



125-0102



125-0103

Model	125-0100	125-0101	125-0102	125-0103	125-0104	125-0105	125-0106	125-0107
Max. drilling capacity (mm/inch)	50 (1.97")	50 (2")	40 (1.57")	35 (1.38")	30 (1.18")	30 (1.18")	35 (1.38")	40 (1.57")
Max. thread-cutting (mm/inch)	M27	M20 (1-1/8")	M27 (1")	M24 (0.94")	M20 (0.787")	M20 (0.787")	M24	M27
Quill stroke (mm/inch)	200 (7.87")		150 (6")	150 (6")	125 (5-1/8")	120 (4.72")	120	160
Distance spindle to column (mm/inch)	240 (9.45")	330 (13-1/8")	330 (13-1/8")	330 (13-1/8")	330 (13-1/8")	330 (13-1/8")	330	350
Distance spindle to table (mm/inch)	600 (23-5/8")	600 (23-5/8")	600 (23-5/8")	600 (23-5/8")	600 (23-5/8")	600 (23-5/8")	600	635
Distance spindle to foot (mm/inch)	1200 (47-2/5")	1200 (47-2/5")	1200 (47-2/5")	1200 (47-2/5")	1200 (47-2/5")	1400 (55-1/8")	1200	1225
Max. travel of worktable (mm/inch)	500 (20")	370 (14-5/8")	500 (20")	500 (20")		500 (19.68")	500	560
Swivel of table	45°	45°	45°	45°	45°	45°	45°	45°
Spindle bore taper (mm)	No.4	No.4	No.4	No.4	No.4	No.4	No.4	No.4
Spindle speed (steps) (r.p.m.)	43-2050 12	43-1500 Steps	43-2050 12	70-2600 12	72-2500 12	72-2500 12	64-2000 12	50-1800 stepless
Column dia (mm)	Ø160	Ø160 (5-2/5")	Ø160 (5-2/5")	Ø140 (5-3/5")	Ø120	Ø120 (4-7/8")		
Motor power (kw)	2.2/3	3.3/4	2.2/3	1.5/2	1.1/5	1.1/5	1.5/2	2/2.4
N.W./G.W. (kg)	650/750	670/730	650/750	600/650	440/500	500/550	500/550	580/750

DRILL MACHINE



125-0001/0002



125-0003/0004



125-0010

Model	125-0001	125-0002	125-0003	125-0004
Drilling capacity(mm/inch)	16(5/8)	19(3/4)	25(1)	32(1-1/4)
Chuck size(mm/inch)	16(5/8)			
Swing(mm/inch)	359(14)	406(16)	500(20)	
Spindle travel(mm/inch)	85(3-1/4)	100(4)	125(5)	125(5)
Spindle taper	MS2	MS2	MS3	MS4
Spindle speeds (steps) (rpm)	Number	12	9	
	Range	50Hz	160-3050	
	60Hz	250-3200	192-2472	192-2472
Table size (mm/inch)	Square	260x260 (10-1/5x10-1/5)	290x290 (11-2/5x11-2/5)	360x360 (14-1/5x14-1/5)
	Round	Ø312 (1/3)	Ø350 (13-4/5)	Ø440 (17-1/3)
Column diameter(mm/inch)	80(3-1/8)		92(3-5/8)	102(4)
Overall height(mm/inch)	992(39)	1100(43)	1475(58)	1775(70)
Motor power (HP)	1/2	3/4	1	1
Net/ Gross weight (kgs)	67/71	110/180	158/248	205/280



125-0005



125-0007



125-0008



125-0009



125-0011

Model	125-0005	125-0006	125-0007	125-0008	125-0009	125-0010	125-0011
Drilling capacity(mm/inch)	16(5/8)	19(3/4)	25(1)	32(1-1/4)	25(1)	16(5/8)	
Chuck size(mm/inch)	16(5/8)		25(1)		16(5/8)		
Swing(mm/inch)	359(14)	355(14)	482(19)	450(18)		500(20)	
Spindle travel(mm/inch)	80(3-1/8)		100(4)		125(5)		125(5)
Spindle taper	MS2		MS3		MS4		MS5 or MS6
Distance from spindle to table(mm/inch)	165(6-1/2)	172(7)	215(8-1/2)	215(8-1/2)	230(9)	450(18)	450(18)
Spindle speeds (steps) (rpm)	Number	12	15	12	12	5(1)	5
	Range	50Hz	200-2500	200-2500	200-2500	150-2500	450-2500
Table size (mm/inch)	Square	250x250 (10-1/5x10-1/5)	250x250 (10-1/5x10-1/5)	345x345 (13-3/5x13-3/5)	475x475 (19-1/5x19-1/5)	405x405 (16-1/5x16-1/5)	280x280 (11-1/5x11-1/5)
	Round	Ø310 (12-1/5)	Ø310 (12-1/5)	Ø310 (12-1/5)		Ø310 (12-1/5)	
Column diameter (mm/inch)	71(2-4/5)	80(3-1/8)	92(3-5/8)	92(3-5/8)	100(4)	vertical 60(2-1/5)	vertical 71(2-4/5)
Overall height (mm/inch)	960(37-4/5)	950(37-3/5)	1000(39)	1000(39)	1070(42-1/5)	790(31)	1630(64-1/5)
Motor power (HP)	1/2	3/4	1	1	2	1/2	3/4
Net/Gross weight (kgs)	53/57	70/73	103/103	103/103	153/153	215/215	377/400

METAL CIRCULAR SAWING MACHINE



Model		199-4100		199-4101	
		90°	45°	90°	45°
Max saw ability (Mild steel) (mm)	○	100	60	100	60
	□	90	50	90	50
	L	90x90	50x50	90x90	50x50
	▢	110x60	70x55	110x60	70x55
	●	55	45	55	45
	■	55	45	55	45
Vice max. opening (mm)		130	130	140	140
Main motor (kw)		2/2.4	2/2.4	2/2.4	2/2.4
Coolant pump (w)		18	18	18	18
Blade size		315	315	350	350
		pin bore 2-11x63	pin bore 2-11x63	pin bore 2-11x63	pin bore 2-11x63
Packing size (l x w x h) (mm)		1070x780x1510	1070x780x1510	1100x800x1550	1100x800x1550
N.W./G.W (kg)		225/230	225/230	240/270	240/270



Model		199-4105		199-4106		199-4107	
		90°	45°	90°	45°	90°	45°
Max saw ability (Mild steel) (mm)	○	65	40	80	45	65	45
	□	55	30	70	45	55	30
	L	60x40	40x30	70x40	40x30	60x40	40x30
	▢	65x40	50x20	80x40	60x40	65x40	50x20
	●	40	30	45	40	40	30
	■	40	30	45	40	40	30
Vice max. opening (mm)		75	75	110	110	75	75
Main motor (kw)		1.3/1.8	1.3/1.8	1.3/1.8	1.3/1.8	1.3/1.8	1.3/1.8
Coolant pump (w)		18	18	18	18	18	18
Blade size		250	250	275	275	250	250
		pin bore 2-10x45	pin bore 2-10x45	pin bore 2-10x45	pin bore 2-10x45	pin bore 2-10x45	pin bore 2-10x45
Packing size (l x w x h) (mm)		850x600x1350	850x600x1350	980x620x1460	980x620x1460	1000x600x1350	1000x620x1350
N.W./G.W (kg)		100/115	100/115	110/120	110/120	100/120	100/120



BENCH GRINDERS

- Heavy duty direct drive motor.
- Adjustable tool rests provide correct working angle.
- Adjustable spark deflectors.
- Adjustable shatter-proof eye shields for maximum safety.
- Fine and coarse wheels.

- Non-slip rubber feet and fixable hole.
- Removable wheel changes.
- Optional wire and cotton buffing brushes available.
- Wide wheel spread permits grinding longer lengths.
- 3 Conductor core with 3 prong plug.

Power (HP)	Size of Wheel	RPM	WT(KG)	Volt/ F	Model No.
1/4	125x16x13mm	2800	6.7	120-230V/50HZ	160-1010
1/4	5"x3/4"x1/2"	3400	6.7	110V/60HZ	160-1025
1/3	150x16x13mm	2800	8.2	120-230V/50HZ	160-1110
1/3	6"x3/4"x1"	3400	9.2	110V/60HZ	160-1125
1/2	200x25x16mm	2800	14.6	120-230V/50HZ	160-1210
1/2	8x1x5/8"	3400	15.2	110V/60Hz	160-1225

SHOCK PROOF MACHINE MOUNTS



Extra tough rigid design,
Solid rubber base, Finest quality.
Extra tough support screw,
Supplied with bolt nut and washer.



MACHINE JACK



Mount Dia.	Load Capacity	Bolt	Model No.
2-3/8x11/16"(63x17mm)	180lbs	M10x80	429-2005
2-3/8x11/16"(63x17mm)	180lbs	M10x110	429-2006
3x13/16"(70x20mm)	300lbs	M12x100	429-2010
3x13/16"(70x20mm)	300lbs	M12x130	429-2011
3-3/8x1"(80x25mm)	700lbs	M12x100	429-2015
3-3/8x1"(80x25mm)	700lbs	M12x130	429-2016
4-5/16x1-1/8"(110x28mm)	1200lbs	M16x120	429-2020
4-5/16x1-1/8"(110x28mm)	1200lbs	M16x180	429-2021
5x1-3/16"(127x30mm)	2000lbs	M16x120	429-2025
5x1-3/16"(127x30mm)	2000lbs	M16x180	429-2026
5-7/8x1-5/16"(150x33mm)	3300lbs	M16x160	429-2030
5-7/8x1-5/16"(150x33mm)	3300lbs	M16x180	429-2031
6-3/4x1-3/8"(171x35mm)	4500lbs	M16x160	429-2035
6-3/4x1-3/8"(171x35mm)	4500lbs	M16x180	429-2036

Mount Dia.	Load Capacity	Bolt	Model No.
80x25mm	25Kg	M12x100	429-2101
100x25mm	250Kg	M12x100	429-2103
125x32mm	1200Kg	M14x110	429-2105
135x32mm	3500Kg	M14x110	429-2107
160x40mm	4200Kg	M16x120	429-2109
180x40mm	6500Kg	M16x120	429-2111
200x60mm	7500Kg	M18x120	429-2113
240x60mm	9500Kg	M20x160	429-2115
310x70mm	10000Kg	M21x160	429-2117

Size(mm)	Load Capacity	Adjust height	Model No.
150x75x70	600	4mm	429-2201
160x80x60	1200	5mm	429-2203
200x100x80	2000	6mm	429-2205
240x120x80	3000	8mm	429-2207
250x120x110	3500	10mm	429-2209
300x140x110	4000	12mm	429-2211

Size(mm)	Height	Out dia.	Model No.
35x60	60	35mm	429-2301
50x80	80	50mm	429-2303
70x100	100	70mm	429-2305
100x150	150	100mm	429-2307
150x250	250	150mm	429-2309
200x300	300	200mm	429-2311
260x400	400	260mm	429-2313
280x450	450	280mm	429-2315
300x500	500	300mm	429-2317

ULTRASONIC CLEANER

Ultrasonic is sound generated above human audible level. In real life, high pitch sound is created by high frequency, and alternatively, the low and base tone is created by low frequency. Frequencies above 16 kHz in general are being considered as ultrasonic. Typical ultrasonic frequencies used for cleaning purpose are from 20 kHz to 80 kHz.

Digital intelligentize Model



725-0010



725-0012



725-0014



725-0020



725-0022

Outer dimension LxWxH (mm)	Tank dimension LxWxH(mm)	Volume (L)	Voltage (W)	Frequency (KHz)	Timer Range (mm)	Heating Range (°C/°F)	Model No.
175x165x200	150x137x100	1.6	30~50	20~40	0~60	0~80/32~176	725-0010
175x165x250	150x137x150	2.0	30~50	20~40	0~60	0~80/32~176	725-0012
265x165x240	235x135x100	2.5	60~100	20~40	0~60	0~80/32~176	725-0014
265x165x290	235x135x150	4.0	60~100	20~40	0~60	0~80/32~176	725-0016
325x175x240	300x153x100	3.5	90~150	20~40	0~60	0~80/32~176	725-0018
325x175x290	300x153x150	5.7	90~150	20~40	0~60	0~80/32~176	725-0020
325x265x290	300x240x150	9.0	120~200	20~40	0~60	0~80/32~176	725-0022
325x265x340	300x240x200	12	120~200	20~40	0~60	0~80/32~176	725-0024
354x325x340	330x300x150	12	180~300	20~40	0~60	0~80/32~176	725-0026
354x325x400	330x300x200	16	180~300	20~40	0~60	0~80/32~176	725-0028
530x330x355	500x300x150	19	360~600	20~40	0~60	0~80/32~176	725-0030
530x330x420	500x300x200	25	360~600	20~40	0~60	0~80/32~176	725-0032

Industry Model



725-0110



725-0112

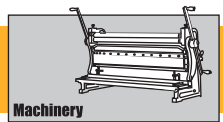


725-0114



725-0126

Outer dimension LxWxH(mm)	Vessel dimension LxWxH(mm)	Voltage (W)	Frequency (KHz)	Timer Range (min)	Heating Range (°C)	Exterior	Model No.
430x320x370	220x200x230	400	28/40	/	0~110	single trough type	725-0110
500x320x370	290x200x230	600	28/40	/	0~110		725-0112
560x460x610	400x300x310	1200	28/40	0~30	0~110		725-0114
630x500x660	470x340x360	1800	28/40	0~30	0~110		725-0116
710x560x700	550x400x400	2400	28/40	0~30	0~110		725-0118
760x610x700	660x450x400	3000	28/40	0~30	0~110		725-0120
300x200x100	/	600	28/40	0~30	/	dive into type	725-0122
350x260x100	/	1200	28/40	0~30	/		725-0124
420x320x100	/	1800	28/40	0~30	/		725-0126
510x410x100	/	2400	28/40	0~30	/		725-0128
510x470x100	/	3000	28/40	0~30	/		725-0130



HAND PALLET TRUCK



Capacity (Kg)	Min.Fork Height(mm)	Max.Fork Height(mm)	Fork Height(mm)	Width Over Forks(mm)	Net Weight(mm)	Model No.
2000	85(75)	200(190)	1150	540	78	838-0201
2000	85(75)	200(190)	1220	680	82	838-0202
2500	85(75)	200(190)	1150	540	80	838-0251
2500	85(75)	200(190)	1220	680	84	838-0252
3000	85(75)	200(190)	1150	540	85	838-0301
3000	85(75)	200(190)	1220	680	89	838-0302

ALL STAINLESS/GALVANIZED PALLET TRUCK



Type	Capacity (Kg)	Min.Fork Height(mm)	Max.Fork Height(mm)	Width over Forks(mm)	Fork Length(mm)	Net Weight(mm)	Model No.
All stainless	2000	85(75)	200(190)	540	1150	77	838-0231
	2000	85(75)	200(190)	680	1200	80	838-0232
Galvanized	2000	85(75)	200(190)	540	1150	77	838-0241
	2000	85(75)	200(190)	680	1200	80	838-0242
	2500	85(75)	200(190)	540	1150	77	838-0253
	2500	85(75)	200(190)	680	1200	80	838-0254

LOW PROFILE PALLET TRUCK



Type	Capacity (Kg)	Min.Fork Height(mm)	Max.Fork Height(mm)	Width over Forks(mm)	Fork Length(mm)	Net Weight(mm)	Model No.
Low profile	2000	55	170	540	1150	75	838-0261
	2000	55	170	680	1200	79	838-0262
Supper Low	1000	36	95	540	1150	70	838-0263
	1000	36	95	680	1200	74	838-0264

HAND PALLET TRUCK WITH SCALE



Type	Capacity (Kg)	Min.Fork Height(mm)	Max.Fork Height(mm)	Width over Forks(mm)	Fork Length(mm)	Net Weight(mm)	Model No.
Scale	2000	55	170	540	1150	75	838-1201
Accuracy± 1Kg	2000	55	170	680	1200	79	838-1202
Scale	1000	36	95	540	1150	70	838-1203
Accuracy± 2Kg	1000	36	95	680	1200	74	838-1204

SEMI-ELECTRIC PALLET TRUCK



Model		838-1501		838-1502		838-1503		838-1504	
Capacity (Kg)		1500		1500		2000		2000	
Min.Fork Height (mm)		85(75)							
Max.Fork Height (mm)		205(195)							
Fork Overall Width (mm)		520		680		520		680	
Fork Length (mm)		1000,1150		1000,1150		1000,1150		1000,1150	
Drive Wheel	Motor	Motor 660w				Motor 1200w			
Wheel		Polyuethane 250 x 80				Polyuethane 250 x 80			
Battery		80Ah/24V				120Ah/24V			
Charger		15Ah/24V				20Ah/24V			
Net Weight(No battery)(Kg)		215	223	225	223	238	246	248	257



HIGH LIFT PALLET TRUCK

Model No.	838-2101	838-2102	838-3101	838-3102
Type	Manual		Electric	
Capacity (Kg)	1000	1000	1000	1000
Min/Max Fork height (mm)	85/800	85/800	85/800	85/800
Fork Width (mm)	540	680	540	680
Fork Length (mm)	1150	1150	1150	1150
Battery (mm)			12-60	12-60
Net Weight (Kg)	112	122	140	145



HAND STACKER

Model No.	838-4103	838-4101	838-4102	838-4111	838-4112	838-4121	838-4122
Type	Standard			Adjustable Fork		Straddle Leg	
Capacity (Kg)	500	1000	1000	1000	1000	1000	1000
Max Fork height (mm)	1500	1500	2850	1500	2500	1500	2850
Min Fork height (mm)	85	85	85	85	85	60	60
Fork Width (mm)	1150	1170	1170	1000	1000	1150	1150
Fork Length (mm)	540	540	540	320-750	320-750	540	540
Net Weight (kg)	200	230	370	240	380	260	400



SEMI-ELECTRIC STACKER

Model No.	838-5105	838-5101	838-5102	838-5103	838-5104	838-5111	838-5112
Type	Standard					Straddle Leg	
Capacity (Kg)	1000	1000	1000	1000	1000	1000	1000
Max Fork height (mm)	1600	2450	2850	3100	3300	2450	3100
Min Fork height (mm)	90					60	60
Fork Width (mm)	1150					1150	1150
Fork Length (mm)	540					540	540
Net Weight (Kg)	200	230	370	240	380	490	400



FULL ELECTRIC STACKER

Battery: 240AH/24V, 32kg/pcs x 6pcs=192Kg

Motors Traveling: 0.9KW/24V (capacity: 1200Kg); 1.2KW/24V (capacity: 1500Kg)

Motors Lifting: 2.2KW/24V

Front Roller: 1200Kg: 82x80(Single roller)

1500Kg: 82x80(tandem roller)

Rear Roller: 150x50mm

Drive Wheel: 250x80mm

Model No.	838-5200	838-5201	838-5202	838-5203	838-5204	838-5205	838-5206	838-5207	838-5208	838-5209
Capacity (Kg)	1200	1500	1200	1500	1200	1500	1200	1500	1200	1500
Load Center (mm)	600									
Max Fork height (mm)	1600		2450		2900		3100		3300	
Min Fork height (mm)	90									
Fork Width (mm)	540									
Fork Length (mm)	1150									
Net Weight (Kg)	613	620	670	677	692	699	705	712	713	720



PLATFORM STACKER

Model No.	838-4321	838-4322	838-4341	838-4342	838-4343
Type	200	200	400	400	400
Capacity (Kg)	200				
Min Platform height (mm)	850	1200	850	1200	1500
Max Platform height (mm)	125	125	150	150	150
Table Size (mm)	125	125	150	150	150
Net Weight (Kg)	45	50	66	71	82

LIFT TABLE



Model No.	837-0015	837-0025	837-0050	837-0075	837-0100	837-0030	837-0051	837-0080
Type	Single Scissor					Double Scissor		
Capacity (Kg)	150	250	500	750	1000	300	500	800
Min height (mm)	225	335	430	432	440	435	435	490
Max height (mm)	760	915	1000	100	960	1585	1585	1400
Table Size (mm)	700x450	830x500	1010x520	1010x520	1010x520	1010x520	1010x520	1010x520
Net Weight (kg)	41	78	118	120	137	150	168	165

ELECTRIC LIFT TABLE

(Battery:75AH/12V)

Model No.	837-0315	837-0325	837-0375	837-0400	837-0330	837-0351	837-0380
Type	Single Scissor				Double Scissor		
Capacity (Kg)	300	500	750	1000	300	500	800
Min height (mm)	400	400	400	490	495	435	540
Max height (mm)	950	950	950	950	1600	1618	1450
Table Size (mm)	1010x520	1010x520	1010x520	1010x520	1010x520	1010x520	1010x520
Net Weight (kg)	140	148	154	169	183	198	208



LIFT & TILT TABLE

(Battery:75AH/12V)

Model No.	837-1040	837-1080	837-1041	837-1081
Type	Manual		Electric	
Capacity (Kg)	400	800	400	800
Max height (mm)	990/1560	1000/1575	990/1620	1000/1620
Table Size (mm)	830x520	830x520	830x520	830x520
Net Weight (kg)	123	145	170	185

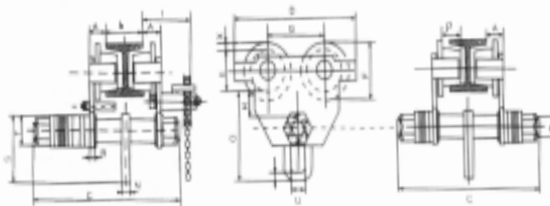


BALL TRANSFER TABLE

(Battery:75AH/12V)

Model No.	837-1450	838-1700	838-2000	838-1451	838-1750	838-1800	838-1900
Type	Manual			Electric			
Capacity (Kg)	450	700	1000	450	700	1000	450
Min height (mm)	620	622	630	647	640	670	619
Max height (mm)	1190	1190	1150	1140	1140	1140	1329
Table Size (mm)	1006x550	1006x550	1006x550	1006x550	1006x550	1006x550	1516/672
Net Weight (kg)	153	155	172	183	189	204	273

PLAIN AND GEARED TROLLEY



Capacity (Ton)	Beam Flange																		Plain	Geared	
	Width (Inch/mm)	O	A	B	C	D	E	F	G	H	T	R	S	L	X	P	N	U	I	Trolley Model No.	Trolley Model No.
0.5	2.5-5.5"	5"	0.9"	0.9"	9.1"	8.3"	2.3"	3.2"	4"	1.1"	1.7"	0.2"	3.7"	0.6"	0.5"	1"	0.4"	0.9"	4.5"	838-8705	838-8805
	64-140mm	128	22	24	230	212	58	82	102	28	44	6	95	15	12	26	10	24	113.5		
1	2.5-6"	5.6"	1"	1.2"	10"	10"	3"	4"	4.6"	1"	2"	0.3"	4.6"	0.6"	0.5"	1.1"	0.5"	1.2"	4.4"	838-8710	838-8810
	64-152mm	143	25	30	254	255	75	102	118	25	50	8	118	15	13.5	28	12	30.5	112.5		
2	3-6.5"	6.8"	1.1"	1.4"	11.6"	11.9"	3.5"	4.8"	5.4"	1.1"	2.4"	0.4"	5.7"	0.8"	0.6"	1.3"	0.6"	1.4"	4.4"	838-8720	838-8820
	76-165mm	172	27	36	294	302	90	122	137	27	60	10	145	20	16	34	14	36	112.5		
3	3-8"	8.3"	1.2"	1.7"	13.5"	13.5"	4.3"	5.6"	6.2"	1.3"	3.1"	0.5"	7.1"	1"	0.6"	1.5"	0.62"	1.8"	5.3"	838-8730	838-8830
	76-203mm	212	31	42	344	344	110	142	157	32	78	12	180	26	16	38	16	45	135		
5	3.5-8"	10"	1.4"	1.9"	14.2"	14.9"	4.8"	6.1"	6.8"	1.33"	3.5"	0.6"	8.7"	1.4"	0.7"	1.7"	0.8"	2.4"	5.35"	838-8750	838-8850
	88-203mm	254	36	48	360	378	122	156	172	34	90	16	220	35	17	44	20	60	136		
10	4.9-8"	12.6"	1.8"	2.4"	15.9"	17.5"	5.9"	7.4"	7.9"	1.4"	3.7"	1"	11.2"	1.8"	0.71"	1.9"	1"	3.2"	6.3"	838-8780	838-8910
	125-203mm	320	46	60	403	445	151	188	200	35	94	25	285	45	18	48	25	82	160		
20	5.7-8"	15.2"	2.7"	2.4"	18.7"	25.3"	7.9"	10.8"	11.8"	2.2"	3.7"	1.2"	11.9"	2.8"	1.5"	2.4"	1.4"	4.3"	6"		838-8920
	144-203mm	385	68	60	475	642	200	274	300	55	94	30	302	70	37	60	35	110	151.5		

CHAIN HOIST



Model No.	838-8401	838-8402	838-8403	838-8404	838-8405	838-8406	838-8407	838-8408
Capacity (Ton)	0.5	1	1.5	2	3	5	10	20
Standard Lift (foot/m)	8.2/2.5	8.2/2.5	8.2/2.5	9.8/3	9.8/3	9.8/3	9.8/3	9.8/3
Testing Load (KN)	6.3	12.5	18.8	25	37.5	75	125	250
Effort Force to Max.load (N)	231	309	320	353	275.5	414	414	828
Load Chain Diameter (Inch/mm)	0.2"/6	0.2"/6	0.3"/8	0.3"/8	0.3"/8	0.4"/10	0.4"/10	0.4"/10
No.of Columns of Load Chain	1	1	1	1	2	2	4	8
Dimension a (Inch/mm)	5.2"/132	5.5"/140	6.3"/161	6.3"/161	6.3"/161	7.3"/186	14.5"/368	25.6"/650
Dimension b (Inch/mm)	5"/127	6.2"/158	7.4"/187	3.4/0.7"(87/17)	8.3"/210	10"/253	7.5"/191	8.5"/215
Dimension c (Inch/mm)	10.6"/270	12.5"/317	15.7"/399	16.3"/414	18.3"/465	25"/636	31.4"/798	35"/890
Net Weight (lbs)	22/10	26/12	44/20	53/48(24/22)	70/32	101/46	209/95	425/193
Extra Weight per meter Of extra lift (Kg)	0.9	1.7	2.3	2.3	3.7	5.6	9.7	19.4



LEVER HOIST

Model No.	838-8050	838-8075	838-8150	838-8300	838-8600	838-8900
Capacity (Kg)	500	750	1500	3000	6000	9000
Standard Lift (m)	1.5	1.5	1.5	1.5	1.5	1.5
Testing Load (H)	6.25	11	22	37.5	75	112.5
Effort Force to Max.load (N)	280	140	240	320	340	340
No.of Columns of Load Chain	1	1	1	1	2	3
Load Chain Diameter (mm)	5	6	8	10	10	10
Net Weight (lbs)	5	7	11	21	31	46



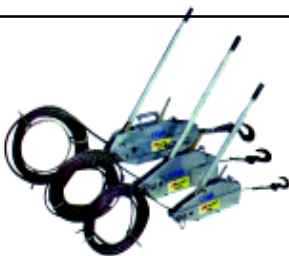
BEAM CLAMPS

Model No.	838-8711	838-8712	838-8713	838-8715
Capacity (Kg)	1000	2000	3000	5000
Flange Width (mm)	75-220	75-220	80-320	80-320
Net Weight (lbs)	4.5	5	10.5	11



PLATE LIFTING CLAMPS

Model No.	838-8721	838-8722	838-8723	838-8725
Capacity (Kg)	1000	2000	3000	5000
Jaw Opening (mm)	0-20	0-30	0-35	0-50
Net Weight (lbs)	3.6	6	9.3	17



GRIP PULLER

Rope is not include

Model No.	838-5008	838-5016	838-5032
Wll(Vertical) (Kg)	800	1600	3200
Max Hand Effort (Kg)	32	42	42
Wire Rope Diameter (mm)	8.3	11	16
Weight Without Rope (Kg)	6.1	11.9	22



WIRE POPER PULLER

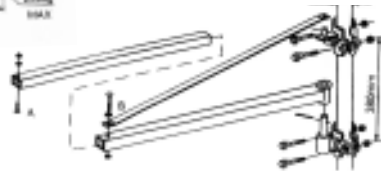
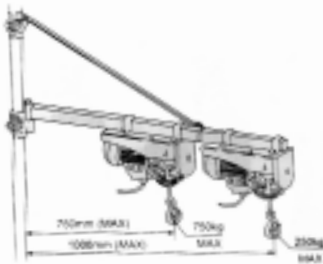
W.L.L Vertical (lbs/Kg)	W.L.L Horizontal (lbs/Kg)	Max.Pulling Length (Foot/m)	Cable Rated Wheel	Diameter (Inch/mm)	Weight (lbs/Kg)	Packing Size/QTY (cm)/PCS	Model No.
1100/500	2200/1000	7.2/2.2	Single	0.2/5	5/2.3	58x24x34/10pcs	837-5150
1100/500	2200/1000	7.2/2.2	Double	0.2/5	5.3/2.42	58x24x34/10pcs	837-5151
2200/1000	4400/2000	6.3/2.85	Single	0.23/6	6.2/2.8	71x29.5x31.5/6pcs	837-5200
2200/1000	4400/2000	6.3/2.85	Double	0.23/6	6.4/2.9	71x29.5x31.5/6pcs	837-5201

MINI-ELECTRIC HOIST



Use of Hook	Rated Voltage (V)	Input Power (W)	Lifting Capacity (lbs/Kg)	Speed (Foot/M per min)	Lifting Height (Foot/M)	Packing Size (cm/2pcs)	G.W/N.W No. Kg/2pcs	Model No.
Single Hook	110/220	500	220/100	32.8/10	39.4/12	37x30x24	24/22	838-8500
Double Hook	110/220	500	440/200	16.4/5	19.7/6	37x30x24	24/22	838-8501
Single Hook	110/220	650	275/125	32.8/10	39.4/12	37x30x24	25/23	838-8502
Double Hook	110/220	650	550/250	16.4/5	9.7/6	37x30x24	25/23	838-8503
Single Hook	110/220	1000	440/200	32.8/10	39.4/12	42x32x27	35/33	838-8504
Double Hook	110/220	1000	880/400	16.4/5	9.7/6	42x32x27	35/33	838-8505
Single Hook	110/220	1150	550/250	32.8/10	39.4/12	42x32x27	36/34	838-8506
Double Hook	110/220	1150	1100/500	16.4/5	9.7/6	42x32x27	36/34	838-8507
Single Hook	110/220	1300	600/300	32.8/10	39.4/12	42x32x27	37/35	838-8508
Double Hook	110/220	1300	1320/600	16.4/5	9.7/6	42x32x27	37/35	838-8509

ROTARY HOIST FRAME



Max Capacity (lbs/Kg)	Max Length (Inch/mm)	Packing Size (cm)	G.W/N.W (Kg)	Model No.
550/250	43.3/1100	86x22x20	32/30	838-8525
1320/600	29.5/750	86x22x20	24/22	838-8560

HYDRAULIC JACKS



Capacity (Ton)	Lifting Range Of Foot (Inch/mm)	Lifting Range Of Foot (Inch/mm)	Max Lever Force (Kg)	Weight (lbs/Kg)	Model No.
5.0	1-8"/25-206	14.4-22.4"/368-574	84/38	44/20	838-6205
10.0	1-9.1"/25-233	16.1-25.2"/413-646	88/40	62/28	838-6210
25.0	2.3-9.1"/58-233	16.7-28.9"/505-740	88/40	203/92	838-6225

STEEL JACKS

DIN 7355 Type

Safe Working Load (lbs/Kg)	Height Of jack Body (Inch/mm)	Lifting Height (Inch/mm)	Height Of claw in Lowest Position (Inch/mm)	Net Weight (lbs/Kg)	Model No.
3300/1500	28.3"/725	13.7"/350	2.7"/70	26/12	838-7015
6600/3000	28.3"/725	13.7"/350	2.9"/75	44/20	838-7030
11000/5000	28.3"/725	11.7"/300	2.7"/70	53/24	838-7050
22000/10000	31.2"/800	11.7"/300	3.5"/90	92/42	838-7100
33000/15000	31.2"/800	13.3"/340	3.7"/95	128/58	838-7150
44000/20000	31.2"/800	13.3"/340	3.7"/95	139/63	838-7200

Low Body Height Type

Safe Working Load (lbs/Kg)	Height Of jack Body (Inch/mm)	Lifting Height (Inch/mm)	Height Of claw in Lowest Position (Inch/mm)	Net Weight (lbs/Kg)	Model No.
3300/1500	22.2"/570	11.7"/300	2.7"/70	24/11	838-7014
6600/3000	22.2"/570	11.7"/300	2.9"/75	40/18	838-7031
11000/5000	23.4"/600	11.7"/300	2.7"/70	48/22	838-7051
22000/10000	25.4"/650	11.7"/300	3.1"/80	84/38	838-7101



STEEL JACKS

With Adjustable Lifting Claw



Safe Working Load (lbs/Kg)	Height Of jack Body (Inch/mm)	Lifting Height (Inch/mm)	Height Of claw in Lowest Position (Inch/mm)	Net Weight (lbs/Kg)	Model No.
6600/3000	28.1"/720	13.7"/350	2.7"/69	55/25	838-7032
11000/5000	28.1"/720	11.7"/300	2.5"/64	66/30	838-7052
22000/10000	30.1"/792	11.7"/300	3.3"/85	84/48	838-7102

Capacity	position 6	position 5	position 4	position 3	position 2	position 1
3 ton	28.1"/554mm	18"/457mm	14.2"/360mm	10.4"/263mm	6.5"/166mm	2.7"/69mm
5 ton	21.6"/549mm	17.8"/452mm	14"/355mm	10.2"/258mm	6.3"/161mm	2.5"/64mm
10 ton	24.2"/615mm	20"/509mm	15.9"/403mm	11.7"/297mm	7.5"/191mm	3.3"/85mm

HYDRAULIC BOTTLE JACKS

Conforms to ANSI/ASME Safety Standard



Capacity (Ton)	Min Height (Inch/mm)	Lifting Height (Inch/mm)	Adjusting Height (Inch/mm)	Base Plate (LxW)(mm)	N.W (lbs/Kg)	G.W (lbs/Kg)	packing Size (LxXxH) (mm)	Quantities (PCS/1PACK)	Quantities (PCS/1PACK)	Model No.
1.6	6.2/158	3.5/90	2.4/60	94x97	6/2.5	6/2.9	35.5x21x21	6	6204	838-6416
2	4.7/120	8.1/205		113x150	12/5.4	14/6.3	52x18x16	4	2856	838-6420
2	6.7/1700	7.9/200	2.4/60	102x107	8/3.5	9.2/4.2	61x14x24	5	4285	838-6421
3.2	7.7/195	4.9/125	2.4/60	103x109	8/3.7	9/4.1	41.5x25x23	6	4386	838-6432
4	6.1/156	6.5/165	1.6/40	110x115	9/4.2	11/5.1	61x14x24	5	3525	838-6440
5	7.8/197	4.9/125	3.1/80	109x116	11/5	12/5.6	48x15x23	4	3212	838-6450
8	7.9/200	4.9/125	2.8/70	130x120	14/6.5	15/7	58x16.5x26	4	2568	838-6480
10	8.5/217	4.9/125	2.8/70	135x122	17/7.5	18/8	58x16.5x26	4	2248	838-6500
12	7.5/190	3.9/100	2.4/60	132x134	15/6.7	17/7.6	58x16x25	4	2368	838-6520
12.5	8.9/227	5.3/135	3.1/80	148x136	21/9.5	22/10	32x18x27	2	1800	838-6525
16	7.5/190	3.7/95	2.3/58	136x143	18/8.1	20/9	62x17x25	4	2000	838-6560
16	9.5/242	5.7/145	2.8/70	158x145	25/11.5	27/12.3	36x18x27	2	1462	838-6561
20	7.5/190	3.5/88	2.3/58	156x167	23/10.3	25/11.2	36x18x22.5	2	1606	838-6600
20	9.6/245	5.7/145	2.8/70	156x167	28/12.5	29/13.3	36x18x27	2	1352	838-6601
25	7.9/200	3.9/98		122x164	33/14.8	35/16	38x19.5x24	2	1124	838-6650
30	7.9/200	3.9/98		152x190	37/17	40/18.2	20x20.5x22.5	1	988	838-6700
30	11.2/285	7.1/180		152x190	51/23	53/24	20.5x20x30	1	750	838-6701
50	9.4/240	4.4/112		176x218	59/27	63/28.5	24x22x27	1	630	838-6900
50	11.8/300	7.1/180		176x218	75/34	77/35	24x22x32	1	514	838-6901