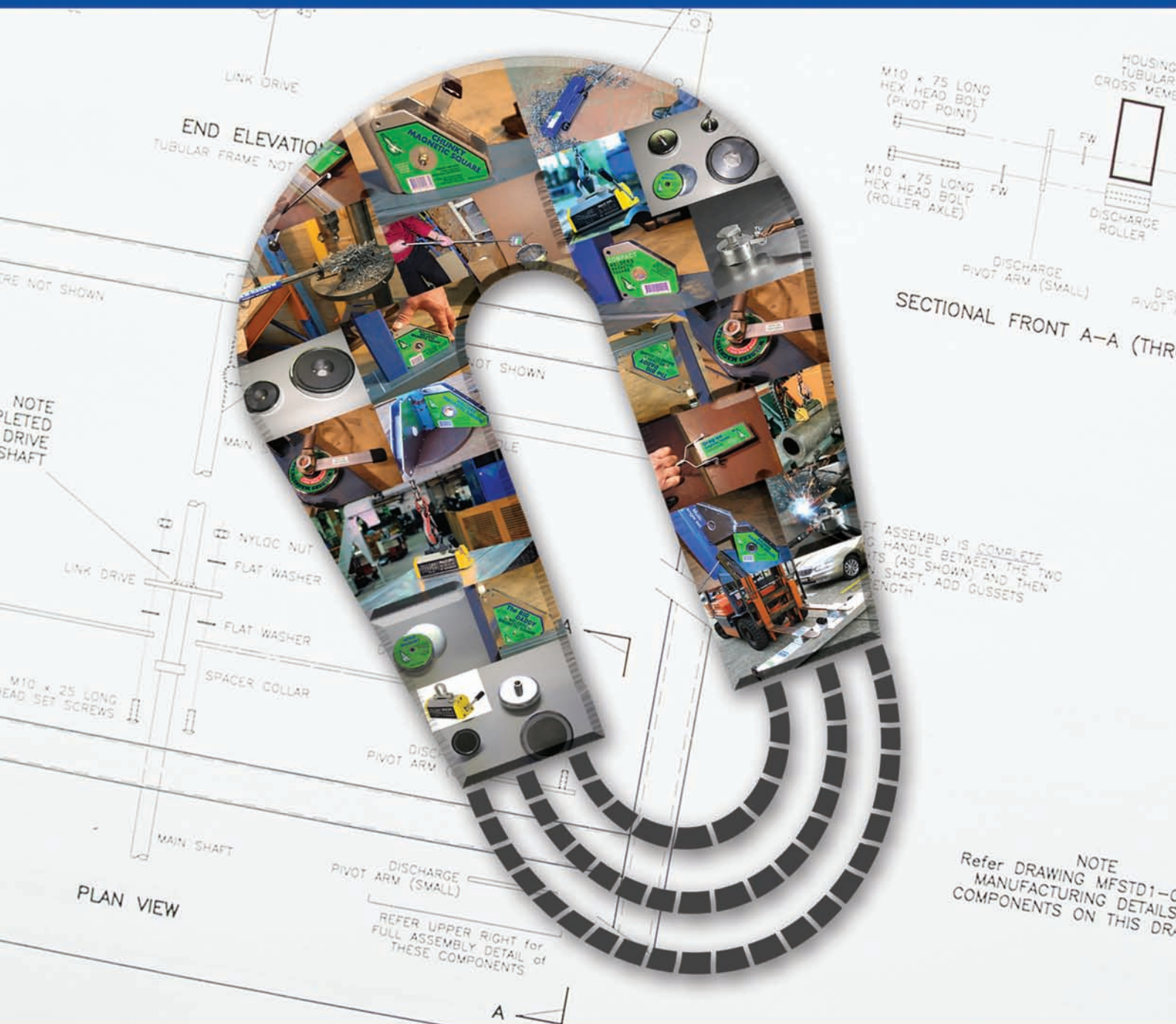


Magnetic Product Guide


Finding ways with magnets

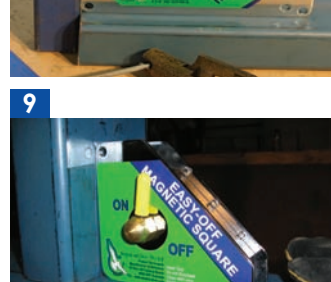


Serpent and Dove Pty. Ltd.

Magnets for Welders

WELDERS MAGNETIC SQUARES clamp steel work-pieces together for welding. Note that all provide a deep recess to accommodate and properly clamp round material.

1	STWMS	Standard 95 x 110 mm with specially shaped ferrite magnet element between 2 mm steel pole plates, provides more than 34 Kgs (340 Newtons) clamping force*
2	STMA	Multi-Angle uses two STWMS hinged together to allow clamping at any desired angle.
3	STCSWMS	Compact size 88 x 88 x 16 mm with shaped magnet element, 2 mm pole plates and deep recess to accommodate round material down to 13 diameter. Clamping force > 30 Kgs (300 Newtons)*
4	STCSWMS	Compact Super with laminated pole plates 88 x 88 x 20 and clamping >45 Kgs (450 Newtons)*
5	STCDWMS	Compact Double uses two STCSWMS hinged together to allow clamping at any desired angle.
6	STCMS	Chunky Designed primarily for clamping pipe and round material at >30 Kgs (300 Newtons)*
7	STBD	Big Daddy 204 x 204 x 35 for heavy duty applications. Clamps >45 Kgs (450 Newtons)*
8	STRWMS	Rollalong Unique, patented design with brass rollers enables user to roll a steel work-piece into position or up to a mark. Eases removal and provides greater manouverability of work-piece. Same size as STWMS and clamps >23 Kgs (230 Newtons)
9	STEOWMS	Easy-Off switchable Magnetic Square 95 x 110 x 35 mm for light jobs and the convenience of turning the magnet from low to full strength.
10	STEPWMS	Extended Pole Magnetic Square. This patented and unique clamp ensures that a clamped work piece is secured at right angles in two planes and prevents this - 
11	STSMBRP 40, 60, 80, 100	Switch-a-Mag Switchable Magnetic Blocks (non-electric) with two magnetic precision faces. Clamping force from 40 to 100 Kgs (400 to 1000 Newtons) for welding jigs and fixtures or for securing lights, gauges and apparatus.



Magnets for Welders (continued)

12/13



14

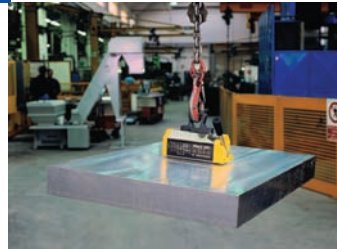


WELDERS MAGNETIC EARTH (OR GROUND) CLAMPS

12	STMEC350	Magnetic Earth Clamp 350 Amp. Conveniently attaches magnetically to most steel surfaces with a clamping force >25 Kgs (250 Newtons)*. Patented product with spring-loaded brass electrode for sure electrical connection. Black delrin insert prevents edge arcing. Handle aids removal. Secure cable lug between nuts and washers.
13	STMEC800	Magnetic Earth Clamp 800 Amp. As for STMEC350 but with copper electrode for higher current-carrying capacity.
14	STMECM200, 300 & 600	Magswitch Switchable Magnetic Earth Clamps in 200, 300 & 600 Amp sizes. Clamps to flat or round and the permanent magnet switches off with a turn of the knob. Suits dirty environments as it's easy to clean.

Magnets for Fabrication & Machine Workshops

15



16



17



FOR HANDLING STEEL

15		Permanent Lifting Magnets No electric power required, just turn on and off with the lever. MaxX Series - the world's most used and safest brand with patented 'neutral crown' technology. Lifting capacities from 125 Kgs to 2000 Kgs and types suitable for various steel gauges. Suits flat and round steel. All rated with 3:1 safety factor. Make steel lifting safer and easier. See dedicated brochure for details and specifications.
16		Mag-Frame patented thin steel sheet lifting system. Mag-Frame in sizes to suit standard or non-standard sheet and for forklift or crane use. See dedicated brochure for details.
17	STDON50, STDON100, STDON20RE	Drag-On Magnetic Handles Designed to make steel sheet handling easy, these 'Magnetic Handles' enable you to literally put a handle on a steel sheet. Cleverly designed intense multi-pole magnetic element is exceptionally strong and will only take one sheet at a time. Drag-On 50 pulls 50 Kgs, Drag-On 100 pulls 100 Kgs and the Super Drag-On 20RE, an incredible 200 Kgs!

FOR CLEANING AND SAFETY

18	STWAND	Wonder-Wand Magnetic Cleaner Safely and efficiently cleans up steel swarf, chips, spilt nails and screws etc. The original and only award-winning Wonder-Wand since 1989. Collect the waste then withdraw the handle to discard waste into bin.
19	STSTEELAWAY	SteelAway Magnetic Floor Sweeper Roll it over floor to quickly remove swarf and dangerous spills of nails and nasties. Lightweight at 3 Kgs so you can discharge it into a bin; wheels at rear and inboard so you can clean alongside walls or down steps. Pull the knob at handle end to discharge waste. Push knob down to clean into corner!
20	L.A.M.S.	Large Area Magnetic Sweepers Models LAMS15 1.5 and 2.1 metres wide for forklift or towing. LAMS very efficiently cleans factory areas, truck bays, sports fields and wharf areas of annoying, puncture-causing and dangerous nails, wire and nasties. Discharges with a turn of the handle on top of the Sweeper. Permanent deep-reaching rare earth magnet element needs no electric power.
21	STSWB	Swarf-Buster Complementing Wonder-Wand and the SteelAway Sweeper, Swarf-Buster allows you to pick up swags of swarf and quickly and safely discharge into bin by lifting the lower handle. Sure, simple, safe.
22	STS-SAFE	Site-Safe Magnetic Cleaner Makes short work of picking up reo bar off-cuts and building site clean-up. Pull top handle to discharge collected waste.
23	STC-SAFE	Magnetic Cable-Safe Reduce trip hazards and accidents by getting cables and hoses off the floor with Magnetic Cable-Safe. Strong neo magnet clamps with more than 30 Kgs (300 Newtons)* in shear direction. Plastic cable hook provided. Handle makes removal and placement easy.

* All clamping ratings are given on 3 mm clean surface steel and may differ for thinner material.



Serpent and Dove Pty. Ltd.

Sydney, Australia

Phone: 02 9971 7577

www.serpent-dove.com

Email: sales@serpent-dove.com

for information about your nearest Serpent & Dove Distributor
(from outside Australia 61-2-9971-7577 or Fax. 61-2-9971-2892)



Other Magnets

FOR A MULTITUDE OF WORK SHOP DUTIES

24	<p>Handy Magnets</p> <p>a. STAGRO55 55 mm dia Ferrite Pot Magnet with striker plate, 10 Kgs</p> <p>b. STF55 Without striker plate</p> <p>c. STF88 88 mm dia Ferrite Pot Magnet, 30 Kgs</p> <p>d. STF36 or STF36H 36 mm dia Neodymium Pot Magnet, M8 thread, 48 Kgs With hook</p> <p>e. STF60 or STF60H 60 mm dia Neodymium Pot Magnet, M10 thread, 107 Kgs With hook</p>
25	<p>Small Electromagnets</p> <p>Mighty-Micro & Stubby: 35 and 60mm diameter and clamping 25 Kgs (250 Newtons) and > 80 Kgs (800 Newtons). 12 or 24v.DC. Ask for dedicated data sheets for these products which find application in robotics, air-conditioning and refrigeration, fire doors, cattle gates and many more uses.</p>

