



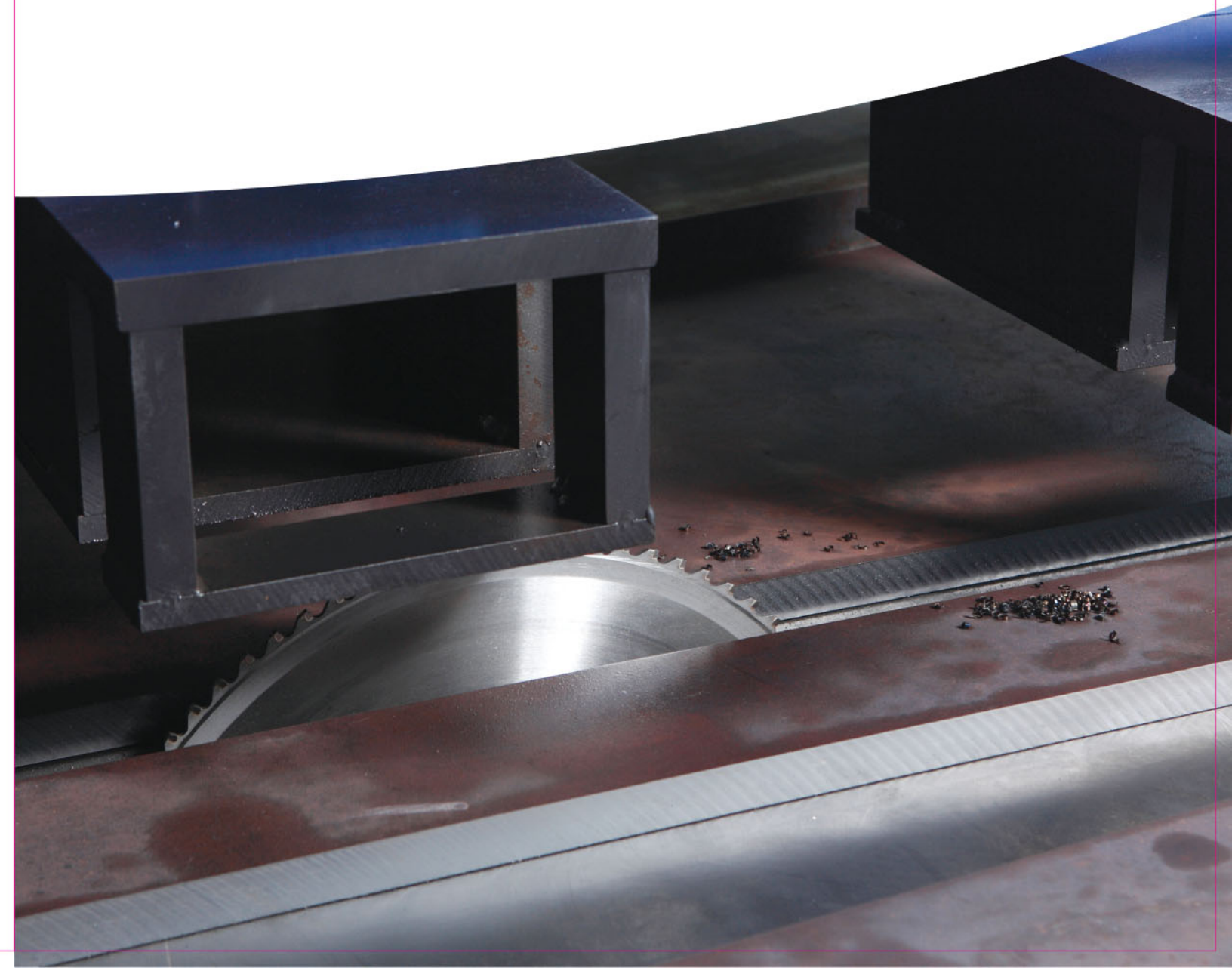
Easy - cut  
[www.sawtool.co.kr](http://www.sawtool.co.kr)

Sawtool company  
5353-3 St. Daejeo 2 Dong, Gang Seo-Gu  
Busan, Korea  
Tel : +82-51-941-2950  
Fax : +82-51-941-2951  
E-mail : [sawtool@naver.com](mailto:sawtool@naver.com)

MAN-M

## MAN-M

Steel Submarine  
For Flat Steel



For flat steel cutting cost: Cutting performance and precision of highest standard.

### Korea-Germany Technology Joint European High Speed Saw Machine

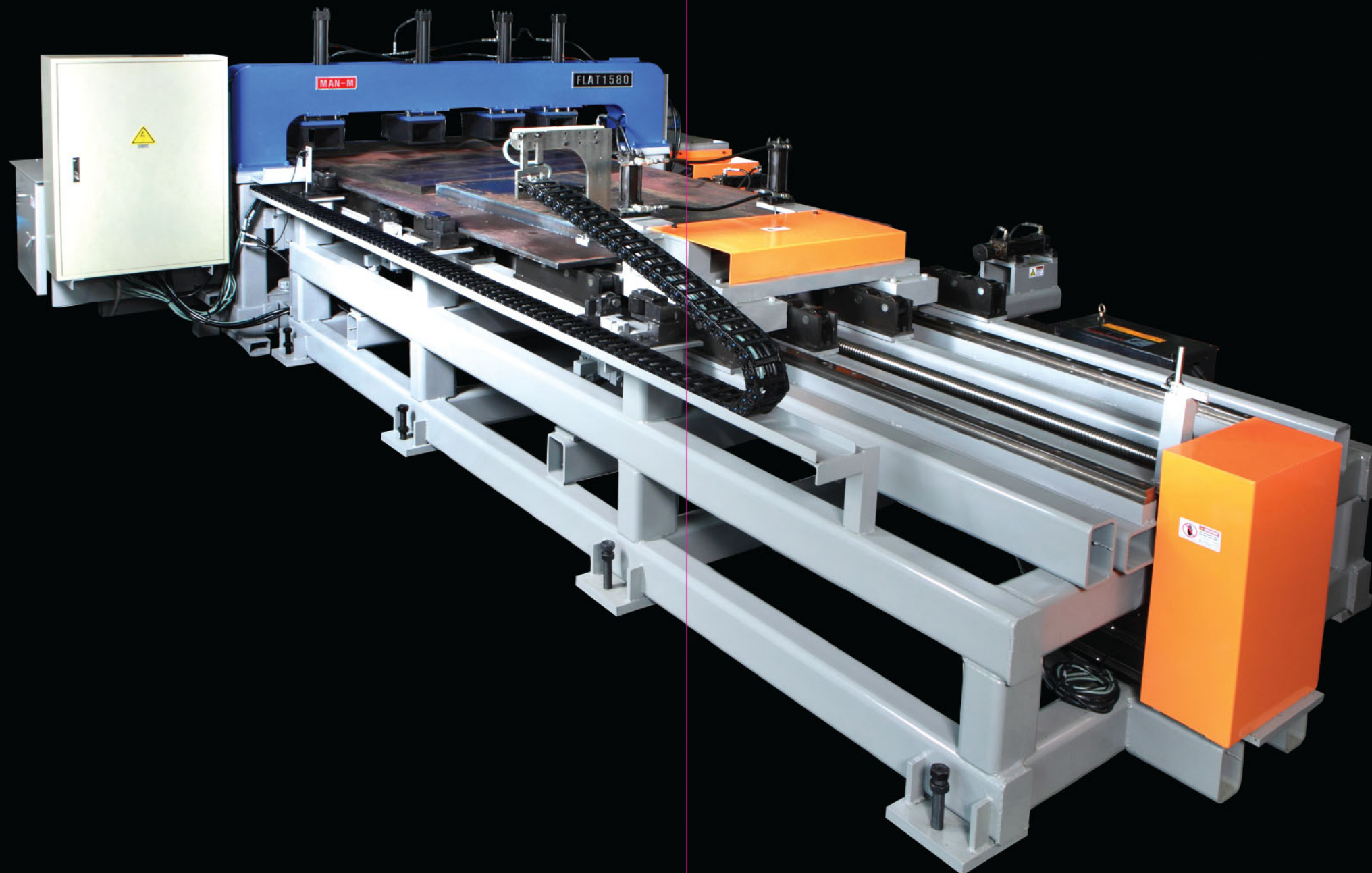
THE Delicate and powerful German technology Planet is the Best and last technology.

Designed with the maximum limit from the beginning,  
the parts cut through the steel plate beyond our imagination.

Whatever the first and best imaginative, passionate and good-material machine,  
there is no last point of conflict.

The pictures below  
art subject to specification.

- Large diameter up/down Cylinder
- Variable sawing speed
- Four type large straight guides
- Servo gliding vise
- shuttle vise (option)
- Carbide guides





## High performance technologies for more profitability.

To reduce the cutting time, the steel casing of MAN-M provides a lot of deceleration for higher pressure than the structure  
The gearbox  
The torque is overflowed by using an extra large reducer beyond the large size.  
Four accurate guides ensure error-free cutting.  
For the long life of the saw blade, all the main parts are heat treated.  
To reduce the cutting time, the steel casing of MAN-M provides a lot of deceleration for higher pressure than the structure

Maximum pressure  
Vacuum heat treatment according to load of 10 tons and 20 tons

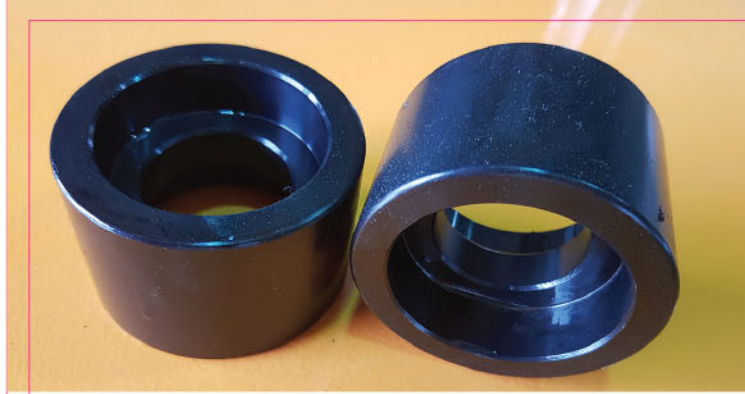


The best ballscrew RACO in Europe  
seeks 0.01 for forward and backward and cutting lines.

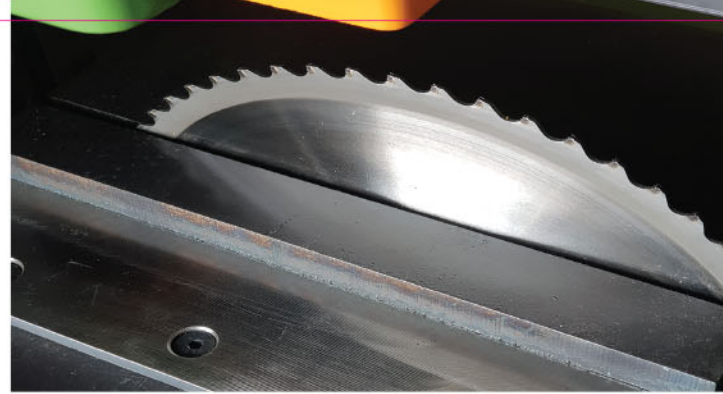
To control the maximum 6090mm iron plate without error  
0.01mm It minimizes economic loss by combination of operable servo  
and screw

MaxCut Combines the best screw and high torque servos in Europe for a  
precise section of 3000mm





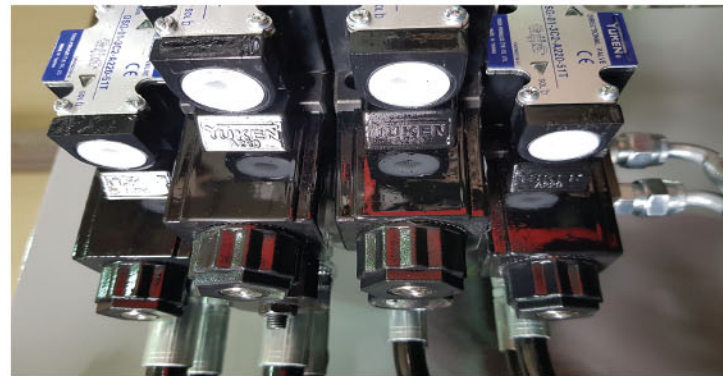
110pcs thermal and plated 220pcs support rollers.



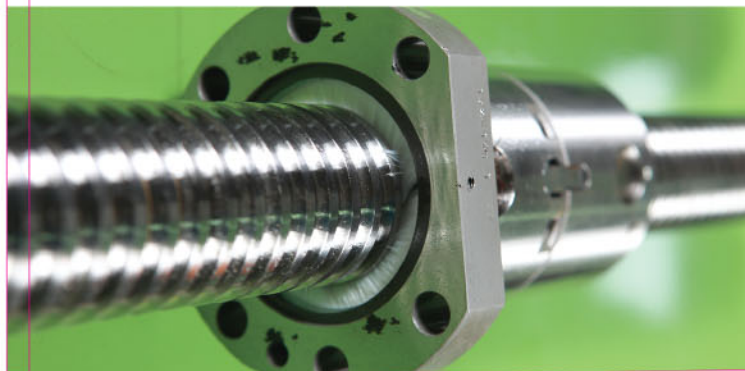
High point saw and low center axes.



Front, back, up and down  
Easy movement



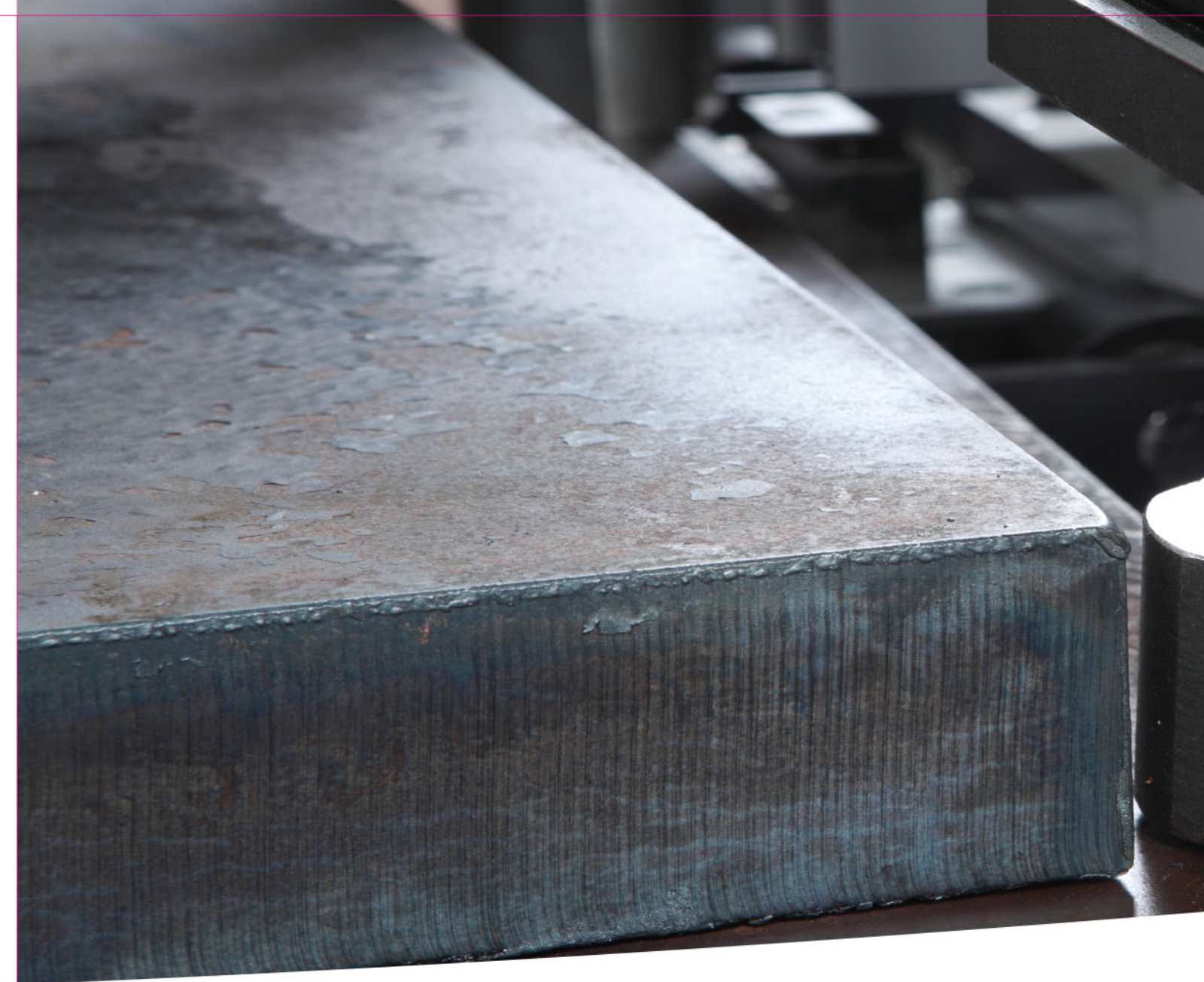
Three separate installations  
for cooling.



preventive screws for Extreme  
Precision.



Customized touch controls  
for your users.



Adjustable hydraulic retainer

**Extreme Precision Work :** It is a reference point for cutting steel plates at all factories.

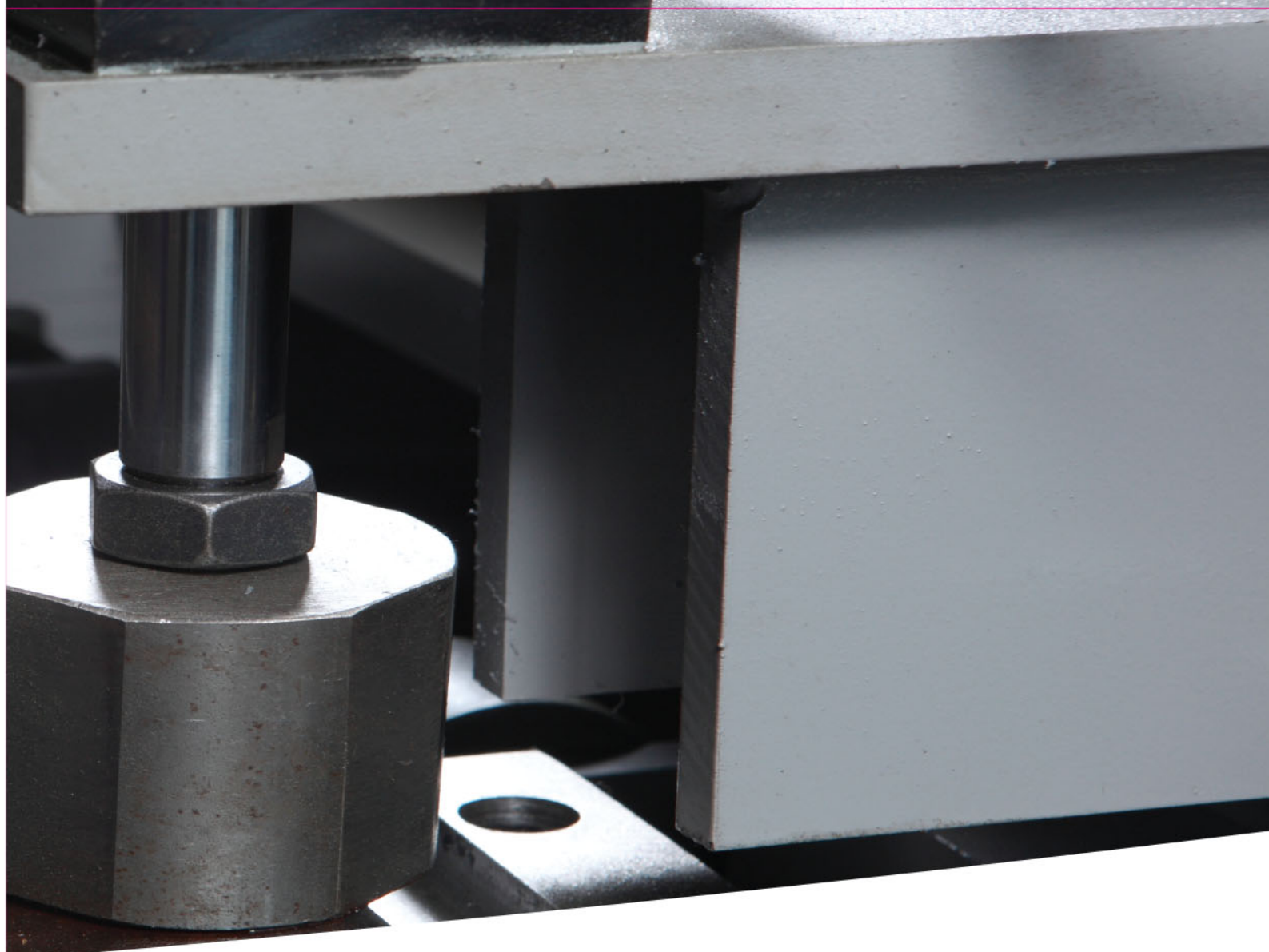
#### SSTOL SUPER SAWTOOL

- Low center saw blade - Submarine type
- Special position of gearbox for low noise low vibration
- Separate space for fast chip removal
- Three for smooth cooling Nozzle
- Designed for easy maintenance
- Vice for extremely short remnants
  - minimum 150mm option
- Man-M control for sawing machines CompatCtcontrol

#### High availability. The Man-M effect

The longer a production machine is reliably running the better. For this reason, Man-M is keeping maintenance times and maintenance charges at a minimum due to a high share of maintenance free elements. And by investing in a fine-tuned design Man-M makes sure that idle times are getting shorter and shorter.





for thick steel plate movement

Fast input, easy input, simple change Input device of MAN-M is not difficult.

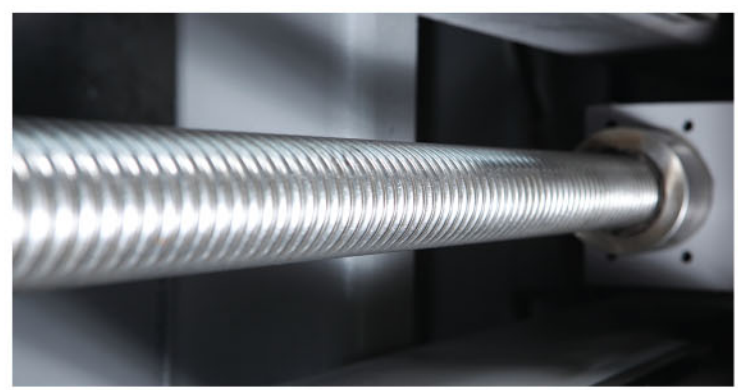
- Accurate reference point pressure is precise and fast Everyone can easily access and change and does not need difficult mathematical formulas.
- Securing the front and back of the saw blade at the same time reduces the vibration of the steel and guarantees.



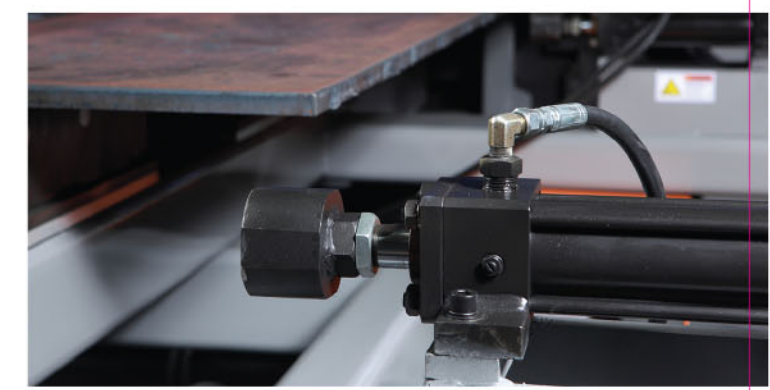
Operator Selectable SSTOL Monitor Touch Panel



Saw blade front and rear fixing device



Large diameter screw for high-speed rapid traverse



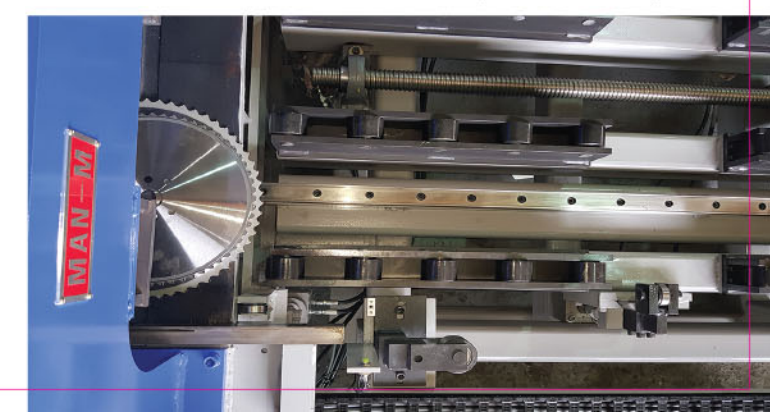
Replaceable Pressure Round

Man-M  
Moving speed of  
iron plate

It is ready for transporting thick steel plates.  
Moving long distances repeatedly has fewer errors  
and moving at high speed drastically reduces work time.



Portable left hydraulic cylinder



Heat treatment guide which is the reference point of all steel plates



MAN-M’s small  
but powerful machine.

MAN-M’s small machine  
with small footprint

The small plate sawing machine  
cuts the maximum length of  
400mm to a cutting speed of  
550mm per minute.  
The submarine type with its low  
center point slides glidingly  
without wind.



- [option]
- Both automatic transfer device and  
manual measurement device floating  
transfer vise
- Prevent scratching for final shipment
  - 250mm small saw blade can be mounted

Technical data MAN-M	A 700	A 1200	A 1500	A 2400
Cut. range, as well(H x W) mm	70 x 400 130	50 80 x 1200 120	50 80 x 1500 120	50 80 x 2400 120
Material feed length, single stroke mm	1200	2400	3000	6000
Optional shuttle vise, single stroke mm	250	250	250	250
Multiple feeding mm	9.999	9.999	9.999	9.999
Min. cut length mm	12	20	20	20
Min. diameter to be cut mm	8	8	8	10
Min. remnant length in autom. operation mm	150	250	250	280
Cutting speed, infinitely variable m/min	50-350	50-350	50-350	50-250
Saw motor, frequency controlled kW	5.5	5.5/7.5	5.5/7.5	5.5/7.5
Cutting feeding motor, contr. kW	1.5	1.5/2.2	1.5/2.2	2.2/3.5
Plate feeding motor, contr. kW	0.75	2.2	3.5	4.4
Total power kW	7.75	9.2/11.9	10.5/13.2	12.1/15.4
Opt. carbide: total power kW	-	-	-	-
Saw diameter mm	360	360	360/420	360/420/460
Opt. saw diameter mm	-	-	-	-
Material support height mm	900	850	900	900
Overall dimensions: length mm	1.780	4.520	5000	6.500
width incl. chip conveyor mm	1.200/2.420	3.980	4.210	9.800
height mm	1.800	1.750	1.750	1.700
weight kg	3.150	6.200	8.300	12.000

MAN-M reserves the right to alter specifications without notice

Man-M Worldwide Warranty

Do not hesitate  
to ask questions

In order to improve the performance  
of art equipment.  
We are continuously improving the performance.  
MAN-M’s machines are covered by the same  
worldwide warranty.  
Iron plate cutting machine inquiry is always waiting.