

# HUNTER PENROSE

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## equipment data sheet

### Etching presses

model ref: M100 100 x 180cm manual or motorised



Bed size 100 cm x 180 cm - Steel standard

Presses are made for heavy duty professional and institutional use

Equipped with a stand and extra bars with PVC rollers for long beds

Roller diameters 22 cm

Micrometer pressure dials to allow consistent pressure application and repeatability

Torque wrench dials to adjusting consistent high pressure. Max 180 Nm

Max printing pressure 10000 kg

Also for relief printing. Polyurethane or cardboard placed under spindles for flexibility

Base mounted safety guards to protect hands while printing

Upper roller covered by transparent plex safety guard, moving up and down with roller. Optional 150 Eur

Bed stops screwed underside of phenolic resin bed

Hand operated model uses a balanced heavy wheel

Manual starting and shutting off of system for motorized model

Optional light sensors for shutting off the system automatically available for 315 Euros

Grease nipples for SKF ballbearings and spindles

Optional stand with casters available for 150 Euros

Includes manual

Presses do not include blankets, blankets are sold separately

Customisations, for example other bed lengths are available by arrangement

Road freight crate 3 cubic metres

<b>TECHNICAL DATA, Etching press, intaglio press model</b>	<b>M100</b>	<b>M100E</b>
Bed size (other lengths optional)	100x180x1 cm	100x180x1 cm
Overall length (with the stand and bed)	180 cm	180 cm
Overall width (with the stand and bed)	161 cm	150 cm
Overall height (with the stand and bed)	130 cm	130 cm
Overall length (without the bed)	121 cm	121 cm
Overall width (without the bed)	113 cm	113 cm
Overall height (without the bed)	60 cm	60 cm
<b>Thickness of bed</b>		
Bakelite (optional) (phenolic resin) (24kg)	2 cm	2 cm
Steel (standard) (85kg)	1 cm	1 cm
Weight with the stand (With the steel bed)	670 kg	720 kg
Rollers diameter	220 mm	220 mm
Wall thickness of rollers	18 mm	18 mm
Diameter of the drive wheel	1000 mm	
Max opening between the bed and the upper roller	40 mm	40 mm
Screw thread spindles	M 36	M 36
Electric voltage AC (400 V optional)		380 V
Power electric motor		550 W
Printing speed		3.5 cm/sec
Gear box ratio	1:10 gear box	1:480 twin worm gear box
Crate size WxLxH	150x185x95 cm	160x185x105 cm
Weight of crate	650 kg	700 kg
Crate	3 cubic metres	3 cubic metres