

Technical data and equipment

Storebro MPS-450

Table

working surface, width	150 mm (6")
length	450 mm (18")
max. transverse travel	180 mm (7 1/8")
max. longitudinal travel	480 mm (19")
max. grinding width*	190 mm (7 1/2")
max grinding height with new wheel	220 mm (8 3/4")
cross feed, per stroke, infinitely variable at one or both table strokes	0-10 mm/stroke
cross feed, fast traverse	4000 mm/min
table speed	1-12 m/min (3'3"-45')
number of 12-mm (15/32") T-slots	1

Grinding wheel

diameter	203 mm (8")
standard width**	19 mm (3/4")
diameter of hole	51 mm (2")
speed	2800 rpm.
grinding wheel spindle motor, output	2 hp.

Hydraulic system

oil tank capacity	15 litres (3 3/4 Imp.gals.)
oil pump capacity	10.6 l/min (2 1/4 Imp.gals.)
pump motor, output	0.5 hp.
pump motor, speed	1400 rpm.

We reserve the right to change specification without notice.

Standard equipment

- Complete electrical equipment for 380 V, 3-phase, 50 cycles.
- Standard type grinding wheel.
- Grinding wheel mount.
- Grinding wheel puller.
- Balancing mandrel.
- Spanners.
- Pressure-type oil can.
- Foundation bolts and support plates.
- Operating instructions.

Accessories (supplied at extra cost)

- Wet-grinding equipment complete with pump, hoses and nozzle, coolant tank and splash guard.
- Dust extractor unit with hose and filter.
- Magnetic chuck (permanent), 450 x 150 mm (18" x 6").
- Demagnetizing device for 220 V, 50 cycles.
- Wheel dressing device mounted on grinding wheel headstock: including 0.75-carat diamond.
- Wheel dressing device for mounting on magnetic chuck, including 0.75-carat diamond.
- Dial gauge device for table cross feed.
- Grinding wheel, width 19 or 25 mm (3/4" or 1").
- Grinding wheel mounts for hole diameters of 32 or 51 mm (1 3/8" or 2").
- Machine lighting.
- Other voltage or type of current than 380 V, 3-phase, 50 cycles.

Cooling system

coolant tank capacity	37 litres 5 Imp.gals.)
coolant pump capacity	35 l/min (7 3/4 Imp.gals.)
coolant pump output	0.15 hp.

Weight

complete machine with motors, wet-grinding attachment and magnetic chuck net	770 kg (1700 Lb.)
gross	900 kg (2000 Lb.)

Volume

complete machine with motors, wet-grinding attachment and magnetic chuck . 2.5 m³ (88 cu.ft)

* only if it is not necessary for the grinding wheel to go outside the sides of the work-piece.

** a 25-mm (1") wide grinding wheel can be supplied at extra cost.

STOREBRO BRUKS AKTIEBOLAG

Adress

STOREBRO
S-590 83 ST

STOREBRO INDUSTRIER AB

merby

BOX 61, NEDRE BRUKET, 590 83 STOREBRO, SWEDEN

TEL +46(0)492 308 00 FAX +46(0)492 307 15

STOREBRO

Surface Grinder MPS-450

