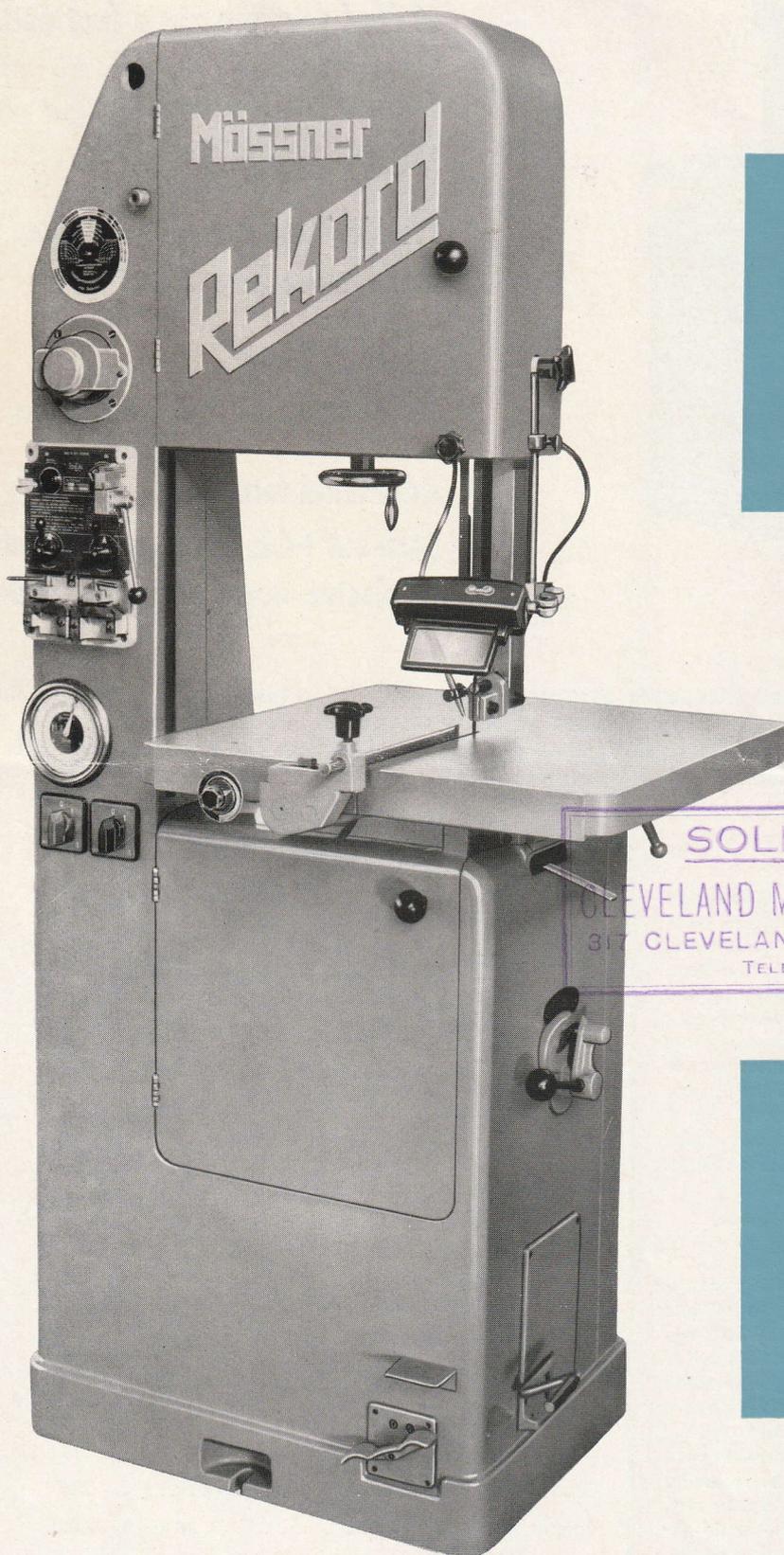


Steel- and Metal-Band-Sawing and Band-Filing Machines

HEAVY CAST IRON CONSTRUCTION · INTERCHANGEABLE PARTS · SERIES PRODUCTION



TYPES SSF 420/500

infinitely variable
with PIV speed transmission

SOLE AGENTS

CLEVELAND MACHINERY CO. PTY. LTD.
317 CLEVELAND ST., REDFERN, N.S.W.
TELEPHONE 69-3594

Illustration: SSF 420
with special accessories:
semi-hydraulic weight-actuated
feed attachment,
4-way table adjustment,
optical device
with fluorescent tubes

BAND-SAWING · BAND-FILING · BAND-GRINDING · FUSION-CUTTING



Novel semi-hydraulic weight-actuated feed attachment

**with sensitive control
of feed pressure via a foot pedal**

**Both hands remain free
for guiding the workpiece**

**Practical and ingenious design,
inexpensive investment**

**Invaluable aid
for economical tool production**

**Additional features:
Roll-out table with semi-hydraulic
or electro-automatic feed mechanisms**

An economical machining operation depends on a trouble-free and high capacity drive of the machine-tool. For that reason the renowned PIV-speed transmission was chosen for the infinitely variable drive of the Models SSF 420/500. In addition to that Model SSF 500 is equipped with a direct rapid traverse of 2350 m/min for fusion-cutting up to about 15 mm cutting edge height.

Standard Accessories

(incl. in machine price)

Complete electrical equipment in accordance with VDE standard, control handwheel with position indicator, built-in butt welder with shears, grinding motor and thickness gauge, band tension indicator, maintenance-free air pump, machine lamp, interchangeable aluminium wheels with hard rubber tyres vulcanized on, upper wheel for swivelling, 1 pair of guide inserts for each of the following sawband widths: 4, 6, 8 and 10 mm, complete sawband roll-guiding fixture with 1 set of guide rolls for 10 mm band width, work table inclinable up to 15° to both sides (right and left), 1 sawband, 1 set of wrenches.

Special Accessories

(at an additional charge)

4-way 15° tilting table, straight cutting attachment, circular cutting attachment up to 290 mm diam., sawband jaw guiding tiltable by 30°, optical device with fluorescent tubes (instead of machine lamp), semi-hydraulic weight-actuated feed attachment for stationary table (2- or 4-way tilting), Roll-out table to be tilted to right and left only with semi-hydraulic weight-actuated feed or electro-automatic feed attachments, material holder, filing attachment 4 x 8 and 5 x 10 mm, filing bands 4 x 8 and 5 x 10 mm flat and half-round, bandgrinding attachment, grinding bands, guide inserts for 3, 4, 6, 8, 10 and 12/14 mm sawband width, guide rolls for 8, 10, 13 and 16 mm sawband width, steel sawbands in coils of 16 m.

Technical Data and Weights

	Types	SSF 420	SSF 500
Wheel diameter	mm	420	500
Throat-height	mm	265	350
Throat-width	mm	410	485
Length of sawing- and filing bands	mm	3225	3850
Width of sawband	mm	3-16	3-20
Table surface	mm	600 x 600	600 x 700
Cutting speed	m/min	A 10 - 1200 B 15 - 1800	15 - 940
Rapid traverse	m/min	-	2350
Motor rating	kW	2,2	4
Max. height for fusion cutting	mm	8	15
Floor space required	mm	960 x 820	1150 x 950
Height of machine	mm	1850	2050
Net weight	approx. kg	540	785
Gross weight (land packing)	approx. kg	610	875
Gross weight (sea packing)	approx. kg	720	1050
Volume (sea packing)	m ³	2,25	2,95

We reserve the right to modify the design and construction