

FORMAT4 (FELDER GROUP)-AUSTRIA
CALIBRATING & SANDING MACHINE
MODEL: FINISH 1352 (SP)



Image may be pictured with additional options

Finish 1352/ 1353 machine chassis:

The machine chassis of the 1352/ 1353 wide belt sander is made of thick-walled, arc-welded steel in a frame construction. The ribbing inside the chassis ensures vibration free, high level stability.



Feed table:

- Table adjustment from 3 - 170mm
- Electrical height control of the aggregate incl. fine-adjustment in 0.1mm steps from the control panel.
- Feed speed can be continuously adjusted from 2.8-20m/min via an inverter from the control panel
- >Hand protection and workpiece excessive thickness protection
- >Conveyor belt without a joint with honeycomb structure
- >Automatic centering of the feed belt



1 contact roller aggregate:

- The profiled contact roller with 85° shore guarantees maximum accuracy with minimum tolerance when calibrating. The rubber coating of the roller ensures an optimum power transfer. The grain compensation can be accurately adjusted manually by using a read-out lens. Mechanically pre-stressed rubber pressure rollers are also available. An electro-pneumatic sanding belt oscillation ensures optimal centring and smooth running. An electronic sanding belt movement safety device guarantees an immediate machine stop if triggered.
- > Roller diameter 180 mm
 - > Cutting speed 18 m/sec
 - > Sanding belt 1370 x 2200 mm



2nd combination sanding aggregate:

The profiled contact roller with 45° shore. The rubber coating of the roller ensures an optimum power transfer. The electro-pneumatic sanding shoe combined with the operation-controlled air cushions, makes it possible to perfectly sand veneer, with a veneer thickness starting from just 0.5mm. The rise and fall of the sanding shoe is position activated ensuring that the contact of the sanding belt to the workpiece is controlled and that a perfect surface finish is given without damage to the fragile workpiece edges. An electro-pneumatic sanding belt oscillation ensures optimal centering and smooth running, which is monitored by the electronic sanding belt operation safety device.

- > Roller diameter 140 mm
- > Cutting speed 18 m/sec
- > Sanding belt 1370 x 2200 mm

**Control:**

The clearly structured and intuitive control panel provides maximum comfort and maximum productivity. The machine functions that are available are shown graphically and can be activated using a high-quality switch. A selector switch for the aggregate selection, an ammeter for the load display, a display for setting the sanding height accurate to 0.1 mm and finally an emergency stop button complete the profile.

**Electrical parameters:**

The motor equipment is 1 motor with 11kW (15HP) S1 including star delta start. With this equipment, both aggregates are driven via a belt. The aggregate is engaged and disengaged manually or as an option pneumatically from the control panel.

Safety:

The machine complies with all current safety standards (CE/optional CSA/UL). Emergency stop button, motor brake and an access protection guard ensure maximum possible operating safety.



Number @452 - 1 Piece Motor

3x 400 V 50 Hz CE model

Number 231 - 1 Piece

User manual English

Number 91 - 1 Piece

Workpiece recognition sensor with 25 segments, 55 mm segment width; Segmented, electro-pneumatic sanding pad ESC; 55 mm segment width, touch screen (!92)

Control panel with 7" colour touch screen; 100 program memory spaces; Maintenance intervals; Plain text error messages; Ammeter for aggregate load monitoring (!91 / !92 / #83)

Clear display and intuitive Touch Screen control with assistive colour display of the aggregates. These can be adjusted with an accuracy of 1/100mm and selected with ease. The control also offers 100 program memory spaces, maintenance intervals and plain text error messages as well as an ammeter for the aggregate load monitoring.



	<p>Number 40 - 1 Piece Combination aggregate including rubber, grooved contact roller with 45° shore and 140 mm diameter; electro-pneumatic sanding pad EP; (!30)</p>	
	<p>Number 45 - 1 Piece 1st sanding roller in steel instead of 85° shore (!20)</p>	
	<p>Number 56 - 1 Piece 1st cleaning air jets for the sanding aggregate with time control (!20)</p>	
	<p>Number 57 - 1 Piece 2nd cleaning air jets for the sanding aggregate with time control</p>	
	<p>Number 65A - 1 Piece 2nd motor 11.0 kW (15.0 HP) sanding belt motor (!63)</p>	
	<p>Number 68 - 1 Piece Variable cutting speed between 2.4 - 19m/sec for 11kW motor power (!20 / !61/!62 / !63 / !67)</p>	
	<p>Number 78 - 1 Piece Vacuum table with 2,2 kW (3 PS) suction fan integrated into the machine chassis (!79)</p>	
	<p>Number 80 - 1 Piece Roller table extension on the infeed side, L=300 mm To facilitate and support the processing of oversized workpieces, on the infeed side.</p>	
	<p>Number 81 - 1 Piece Roller table extension on the outfeed side, L=300 mm To facilitate and support the processing of oversized workpieces, on the infeed side.</p>	