

## 1.2 Machine data

**Manufacturer:** Wilhelm Altendorf GmbH & Co. KG  
Wettiner Allee 45  
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**Machine:** „Altendorf sliding table saw“ model F45 - F45 ELMO.... - F45 POSIT - F45 c.a.t.s  
model F90 - F90 ELMO 1 - F90 POSIT

### Saw blades to be used and attendant cutting depths:

Saw blade dia.	Scorer	Cutting depth 0°	Cutting depth 45°
250	X	0-50mm	0-35mm
300	X	0-75mm	0-53mm
350	X	0-100mm	0-70mm
400	X	25-125mm	18-88mm
	without saw blade		
450		75-150mm	53-106mm

Saw shaft diameter	30	mm
Saw blade tilting range	0-45	°
Idling speed of the saw shaft (standard)	3000/4000/5000/6000	rpm
Idling speed of the saw shaft (VARIO option)		
infinitely variable from	2500-6000	rpm
Scoring saw blade diameter (option)	120	mm
Scoring saw blade bore hole (standard)	22	mm
Special fastening for RAPIDO		
Scoring shaft diameter (flange mount)	15	mm
Speed of the scoring saw shaft (idling)	9800	rpm
Table size (fixed machine table)	1225x702 ± 2	mm
Size of the edge trimming carriage	see machine card	
Max. edge trimming length (with scorer)	see machine card	
Cutting width with rip fence	see machine card	
Cutting width with stop fence on swinging arm	2800	mm
<b>Extraction:</b>		
-Connection socket diameter below table	120	mm
-Connection socket diameter on top safety hood	80	mm
-Vacuum at 20 m/s air speed		
-below table	1100	Pa
-at top safety hood	1520	Pa
-Air consumption at 20 m/s air speed	950	m <sup>3</sup> /h
<b>Environmental conditions</b>		
Operating temperature	10....40	°C
Relative air humidity	max. 90 %, no condensation!	
Do not expose the machine to a gaseous environment which is explosive or may cause corrosion!		
Machine weight:	approx. 1100	kg