

# TECHNICAL DATA

M34G								
Nominal opening width	[mm]	800	1200	1500	1800	2200	2600	3000
Max. workpiece thickness	[mm]	see table below						
Min. workpiece length <sup>1)</sup>	[mm]	460						
Saw shaft diameter	[mm]	50 / 60 / 70 / 75 / 100						
Max. saw blade diameter <sup>2)</sup>	[mm]	270 (280)						
Saw set-up width	[mm]	690	1090	1390	1690	2090	2490	2890
Powered top rollers, hydraulically height-adjustable		6-9						
Powered bottom rollers		5						
Idle bottom rollers		1						
Roller drive		Chain / Cardan						
Width of top rollers	[mm]	742	1142	1442	1742	2142	2542	2942
Width of bottom rollers	[mm]	784	1184	1484	1784	2184	2584	2984
Feed speed <sup>3)</sup> frequency-controlled	[m/min]	15 - 50						
Feed motor power	[kW]	2.2						
Max. driving power	[kW]	90						
Max. speed of rotation	[rpm]	4500						
Sound pressure level <sup>4)</sup> no load/operation	[dB(A)]	77/86						
Sound power level <sup>4)</sup> no load/operation	[dB(A)]	97/102						
<b>Dimensions</b>								
Working height	[mm]	900						
Length / height	[mm]	1712 / 1658						
Width up to 37 kW motor	[mm]	2190	2590	2890	3190	3590	3990	4390
Width with 45-90 kW motor	[mm]	2790	3190	3490	3790	4190	4590	4990
Weight <sup>5)</sup>	[kg]	2850	3300	3900	4400	5100	5800	6400

- 1) depending on roller configuration, see page 8
- 2) The maximum tool diameter depends on the design/equipment of the machine and type of tools used. Before ordering any tools, please seek our advice on the exact technical specification.
- 3) with manual workpiece removal max. 35 m/min
- 4) depending on saw blades used
- 5) weight incl. 30 kW motor and chain drive, without special accessories (extra weight of cardan drive: approx. 200 kg)
- 6) Example based on a saw blade dia. of 270 mm  
Distance spacer ring – insert table plus 5 mm tooth projection  
 $D_{\text{insert table}}$  standard 10 mm,  $D_{\text{insert table}}$  aluminium 20 mm

$r_{\text{saw blade}}$
- $D_{\text{insert table}}$
- 5 mm (distance)
- $r_{\text{spacer ring}}$
= $D_{\text{workpiece}}$

Saw shaft $\varnothing$ ( $2 \times r_{\text{saw shaft}}$ )	Outside $\varnothing$ of spacer rings ( $2 \times r_{\text{spacer}}$ )	Saw bush $\varnothing$ [mm]	Cutting height <sup>6)</sup> ( $D_{\text{workpiece}}$ )		
			Standard insert table	Aluminium insert table	without insert table
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
50	70	-	85	75	95
60	80	-	80	70	90
70	-	100	70	60	80
75	100	-	70	60	80
100	120	-	60	50	70
100	-	140	50	40	60

