



Technical data

Typ	CPHL 400	CPHL 450	CPHL 500
Mains voltage		50 Hz	
WS-Motor			
Mains frequency		230 V-	
Motor rating P ₁	3,0 kW - S 6 - 40 %	--	--
Motor output P ₂	2,2 kW -S 6 - 40 %	--	--
No-load speed	2698 min ⁻¹	--	--
DS-Motor			
Mains frequency		400 V 3~	
Motor rating P ₁	4,4 kW - S 6 - 40 %	5,0 kW - S 6 - 40 %	6,1 kW - S 6 - 40 %
Motor output P ₂	3,5 kW -S 6 - 40 %	4,0 kW -S 6 - 40 %	5,0 kW -S 6 - 40 %
No-load speed	2790 min ⁻¹	2835 min ⁻¹	2820 min ⁻¹
Carbide tipped saw blade	∅ 400 x 2,8/3,8 x ∅ 30 mm 28 teeth	∅ 450 x 2,8/3,8 x ∅ 30 mm 40 teeth	∅ 500 x 2,8/4,0 x ∅ 30 mm 36 teeth
Saw blade - ∅ max./min.	395 - 400 mm	445 - 450 mm	495 - 500 mm
Cutting depth	0 - 126 mm	0 - 150 mm	0 - 175 mm
Table size		1050 x 750 mm	
Table height		850 mm	
Weight	Ca. 138 kg	Ca. 140 kg	Ca. 144 kg
Width of the guide elements for the blade guard		12 mm	
Blade guard: Width of guide slot		12,1 mm	
Thickness		3 mm	
Connection diameter for suction fitting		100 mm	
Mains fuse	16 A inert		20 A
Protection class		IP 54	
Year of construction		see last page	

Description of device / spare parts

Pos.	Bestell-Nr.	Bezeichnung
1	361627	Saw table board
2	361688	Table leg
3	361697	Brace, long
4	361690	Brace, short
5	361025	Table insert
6	361026	Transport lug
7	361109	Tool hook
--	361619	Chip box
8	361772	Chip box cover
9	361157	Extractor connecting piece
10	361165	Sealing blade
11	361630	Splitting wedge ∅ 400 mm
11	361694	Splitting wedge ∅ 450 mm
11	361696	Splitting wedge ∅ 500 mm
12	361777	Guard holder right
13	361778	Guard holder left
14	361703	Adjusting device
15	361625	Protective guard
16	361727	Machine knob screw
17	361702	Double torsion spring
18	361602	Parallel stop without guide ruler
19	361680	Stop ruler (aluminium)
--	361761	Crossfeed stop, cpl. (pos. 19, 20, 21)
20	361000	Stop holder with bearing
21	361751	Tranverse stop angle
22	361059	Stop bar
23	361607	Holder for guide shaft
24	361616	Guide shaft 1015 mm
25	360225	Carbide tipped saw blade ∅ 400 mm
25	360213	Carbide tipped saw blade ∅ 450 mm
25	361140	Carbide tipped saw blade ∅ 500 mm
26	361635	Saw blade flange, front (Fig. 14)
	361636	Saw blade flange, rear (not illustrated)
27	391035	Clamping nut M 20, LH (Fig. 14)
28	361776	Table extension
29	361774	Swiveling holder for table extension (Fig. 3)

Pos.	Bestell-Nr.	Bezeichnung
30	361112	Ring wrench size 30/19 (Fig. 14)
31	361733	Push stick
32	361111	Retaining pin (pivot pin) (Fig. 14)
33	361687	Guide shaft 725 mm
34	361114	Cylinder turning handle
35	361700	Handle for push block
36	361750	Wedge cutting stop
--	361728	Single-phase motor CPHL 400
37	361656	Switch-plug combination for AC motor CPHL 400
--	361599	Capacitor 60 µF
--	361644	Three-phase motor CPHL 400
--	361651	Three-phase motor CPHL 450
--	361647	Three-phase motor CPHL 500
37	361609	Switch-plug combination for three-phase motor CPHL 400/450
37	361611	Switch-plug combination for three-phase motor CPHL 500
--	361620	Switch base
38	361759	Cylinder head screw M8x8 from plastic
39	361760	Washer from plastic
40	361769	Brace

Spare parts

Identify the required spare part from the spare parts drawing and list.

Ordering spare parts:

⇒ The parts are procured from the manufacturer.

⇒ Required details for orders:

- Type of saw
- Saw number (see rating plate)
- Spare part number
- Designation of the spare part
- Quantity

Example: Type CPHL 450, product no. 1045, 360213 carbide tipped saw blade ∅ 450 mm, 1 piece