

NEW

KNAPP circular saw

KS 15
KS 20
KS 25
KS 30



KNAPP circular saw • shaper combination



KFS 15
KFS 20
KFS 25
KFS 30

KNAPP circular saw • joiner • planer • shaper • long slot drilling machine

Kombi 310
Kombi 410





KS 15 - with sliding table 1500 mm



KS 30 - Circular saw with sliding table 3000 mm



KFS 15 - Circular saw / shaper with sliding table 1500 mm



KFS 30 - Circular saw / shaper with sliding table 3000 mm



Kombi 310-15
joiner / planer with
circular saw / shaper
sliding table 1500 mm



Kombi 410-30
joiner / planer
circular saw / shaper
with sliding table 3000 mm



One of the unique Knapp-features is the self-cleaning precision guidance of the gliding tables.

The KNAPP sliding table system: Proved reliable for 18 years

- Smooth running with precise guidance even under heavy loads and temperature variations
- Sliding tables come anodized as standard which prevents marking of work pieces
- Cutting length of up to 3000 mm: even large panels can be cut with ease and precision through outrigger table with telescopic support
- Sliding table width 370 mm



Extra wide sliding table

Sliding table width 370 mm

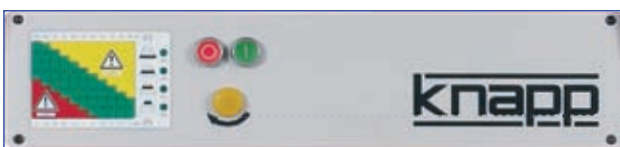


G3F 030 000 – Spindle fence

made of die-cast aluminium accomodates tooling to a maximum of 250 mm diameter features recessed handles on both sides, an integrated dust collection outlet

In compliance with customers' wishes

new operating panel with inclined display and control switches



The new operating panel

clearly arranged including speed indicator for spindle moulder (2850 / 4000 / 6000 / 7850 rpm)



Optional

digital display of height and angle adjustment of saw and spindle moulder unit

G3W 100 – Hand wheel with digital display

allows precise height adjustment of saw, spindle moulder and mortising unit



G3Z 682 – Double fine adjustment

this option allows repeat setting after fence removal as well as parallel fine adjustment of spindle moulder fence



G3W 150 – Position indicator

digital indicator allows individual adjustment of the fence plates at an accuracy of 0.1 mm



G3W 300 – High speed spindle

High speed spindle system K

- quick retooling without changing the spindle shaft
- speed 14.000 rpm
- collet Ø 8 mm (6, 10, 12 mm and ¼", ½" are also available)
- high output, smooth running



G3W 310 – High speed spindle

High speed spindle system F

- quick retooling without changing the spindle shaft
- 8.000-23.000 rpm
- collet Ø 8 mm (6, 10, 12 mm and ¼", ½" are also available)
- compatible with all spindle shafts (30, 40, 50 mm)
- high output, smooth running



Spindle shaft „Profi Quick“

- user-friendly quick-change system
- conical spindle shaft SK40 available in 30, 40, 50 mm diameter
- maximum stability, smooth running, no vibrations



G3Z 330 – Scoring unit

- height and lateral adjustment of scoring blade from the top
- motor 0.55 KW (0.75 hp)
- speed 10,000 rpm



G3W 600 – The ideal choice

- digital indicator displays cutting angle at an accuracy of 0,1 mm
- mitre fence with scale and 22.5°, 45° and 90° locking positions as standard



G3W 500 the new KS parallel fence

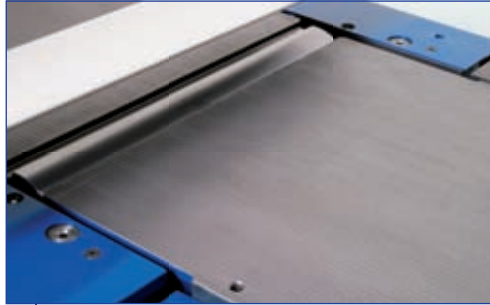
optional fine adjustment and digital indicator



8 KNAPP-Innovations



1 KNAPP-tables are fitted with industrial machine bases made of 6mm (0.2 inch) steel.



2 All cast-iron tables are precision planed for smooth gliding of the workpiece

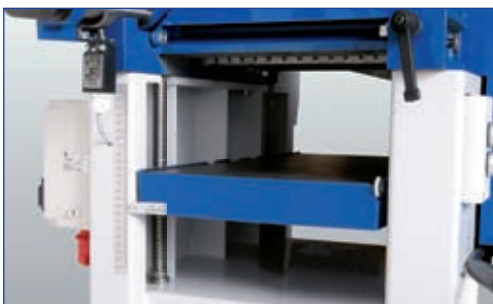


3 Changeover is quick & simple thanks to the dual-hinged system of planer tables

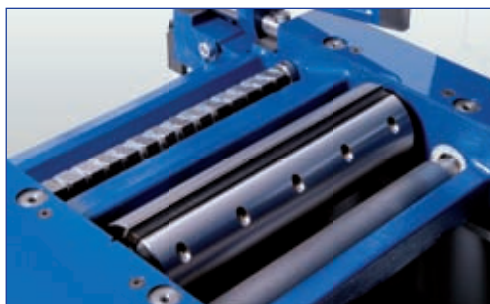
4 Eccentric clamp & hard anodized aluminium fence ensure precise wood guidance



5 Most exact thickness adjustment due to KNAPP 1/10mm (1/0.4 inch) scale.



6 4 threaded posts, guided by 8 ball-bearings guarantee practicably no wear



7 Self adjusting 3-knife cutterblock ideal for trouble-free working

8 The power-feed of the AD 410 runs with a separate motor



KNAPP off to great success

The traditional Austrian company Knapp has produced woodworking machinery for over 80 years, the company is located in the upper Austrian town of Wolfsegg am Hausruck between Salzburg and Wels.

KFS 15 ST - Table size	370 x 1495 mm
Cutting length in front of saw blade / without scoring unit *	1230 mm
Cutting length in front of saw blade / with scoring unit **	1180 mm
Cutting length with fence at back position ***	1400 mm
Cutting length with fence at back position ****	1600 mm
Mitre fence	2 x 45°
Fixed angle position	22.5° 45° 90°
Crosscut fence	1200 mm
Optional with pull-out part	2500 mm
KFS 20 ST - Table size	370 x 1980 mm
Cutting length in front of saw blade / without scoring unit *	1700 mm
Cutting length in front of saw blade / with scoring unit **	1650 mm
Cutting length with fence at back position ***	1900 mm
Cutting length with fence at back position ****	2100 mm
KFS 25 ST - Table size	370 x 2495 mm
Cutting length in front of saw blade / without scoring unit *	2200 mm
Cutting length in front of saw blade / with scoring unit **	2150 mm
Cutting length with fence at back position ***	2400 mm
Cutting length with fence at back position ****	2600 mm
KFS 30 ST - Table size	370 x 2990 mm
Cutting length in front of saw blade / without scoring unit *	2940 mm
Cutting length in front of saw blade / with scoring unit **	2890 mm
Cutting length with fence at back position ***	3000 mm
Cutting length with fence at back position ****	3200 mm

- * For saw blade diameter 315 mm
 ** For saw blade diameter 315 mm and 88 mm
 *** For saw blade diameter 315 mm / cutting height 60 mm
 **** For saw blade diameter 315 mm / cutting height 60 mm
 Crosscut fence mounted at the big table extension possible only with accessory equipment G3Z 400

Circular saw	
Table dimensions	470 x 1100 mm
Saw blade Ø max. (with safety hood)	315 mm (350 mm)
Cutting height max. (with safety hood)	103 mm (120 mm)
Saw blade tilting angle	90° - 45°
Speed	4300 rpm
Spindle diameter	30 mm
Motor output	3 (4.5) kW
Cutting width with parallel saw fence	
for combi with fence via planing machine standard *	1000 mm
circular saw and shaper standard *	700 mm

Spindle moulder	
Table dimensions	470 x 1100 mm
Spindle diameter standard	30 mm
Shaper spindle	50 mm Ø G3W 220
Standard shaper spindle	30 mm
Speed range (rpm)	2850/4000/6000/7800
Spindle height above table	150 mm
Table recess 5 rings	225 mm
Motor output	3 (4.5) kW
Tilting angle of cutter spindle forward	90° - 45°
Tilting angle of cutter spindle backward	90°, -3°

Mounted slot drilling machine to be attached to stand-alone circular saw or combined circular saw and shaper	
Size of table	470 x 1100 mm
Longitudinal stroke	230 mm
Drilling depth	150 mm
Vertical adjustment	140 mm
Speed	2800 rpm
Drilling motor	2.2 kW
2-jaw chuck	16 mm
Eccentric clamping device	

Planer	
Planing width	310 mm
Total table length surface planer	1500 mm or 2500 mm (opt.)
Thickness planer table length	590 mm
max. material height	230 mm
Diameter cutterblock	88 mm
RPM	4900 U/min
Safety cutter block	3 knife
Optional quick-change cutterblock	3 knife (4 knife)
knives Feeding speed	8 m/min
Chip removal max.	5 mm

Electrical information	
Power supply / motor	3,0 KW (4,1 hp) - S1
3 x 400/415V - 50Hz	
3 x 230V - 50Hz	3,0 KW (4,1 hp) - S1
1 x 230V - 50 Hz	2,5 KW - S6