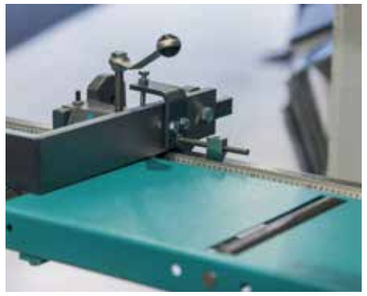
TRANSPORTING AND MEASURING

MANUAL AND NC-CONTROLLED LENGTH MEASURING DEVICE WITH ROLLER CONVEYOR

The highly developed KALTENBACH modular system offers the opportunity to adjust the machine to the customer specific requirements. Roller conveyors are available in various lengths.



Universal mitre circular saw with length measurement system L 41 NC and T3 infeed conveyor system.



Length measurement device L 45 E

For the manual adjustment of the measuring length. High degree of accuracy due to adjustment via Vernier scale. Short measuring lengths via the attachable stop tongue. Manually raised stop arm.



Length measurement device L 45 I

The adjustment of the stop is controlled via hand crank and hydraulically clamped via the manual valve on the L 45 I. The digital display registers the position.





Infeed measuring device **M 45 NC** for the automatic material feed (KKS 400H / KKS 450 H). Alternatively used as a NC-controlled length stop. The M 45 NC clamps the material at the bar end and is driven forward automatically according to the programmed length.



Length measurement device L 41 NC

For the electronic adjustment of the measuring length via NC-control. The feed gripper is clamped automatically after the positioning. Easy operation via touch screen.

KKS SERIES AT A GLANCE

HARD FACTS	KKS 400 E	KKS 450 E	KKS 400 H	KKS 450 H	KKS 400 T	KKS 450 R	KKS 400 DH
Saw blade Ø	400 mm	450 mm	400 mm	450 mm	400 mm	450 mm	400 mm
Drive performance							
– standard	1,8/2,7 kW	1,8/2,7 kW	1,8/2,7 kW	1,8/2,7 kW	3,7/4,7 kW	1,8/2,7 kW	1,8/2,7 kW
– optional			3,7/4,5 kW	3,7/4,5 kW		3,7/4,5 kW	3,7/4,5 kW
– optional frequency-c.			4,0 kW	4,0 bzw. 5,5 kW	4,0 kW	4,0 bzw. 5,5 kW	4,0 kW
Hydraulic performance	6 l/min	6 l/min	25 l/min	25 l/min	25 l/min	25 l/min	25 l/min
Cutting speed							
– standard	10/20 m/min	10/20 m/min	10/20 m/min	10/20 m/min	30/60 m/min	15/30 m/min	10/20 m/min
	13/26 m/min	13/26 m/min	13/26 m/min	13/26 m/min			13/26 m/min
	15/30 m/min	15/30 m/min	15/30 m/min	15/30 m/min			15/30 m/min
– optional	–		30/60 m/min	35/70 m/min		35/70 m/min	30/60 m/min
– optional frequency-c.	–		7-43 or	7-43 or	7-43 or	7-43 or	7-43 or
			20-95 m/min	15-75 m/min	15-75 m/min	15-75 m/min	20-95 m/min
Saw blade feed rate							
– steplessly adjustable	0-1.000 mm/min	0-1.000 mm/min	0-1.000 mm/min	0-1.000 mm/min	0-1.000 mm/min	0-1.200 mm/min	0-1.000 mm/min
– fast return stroke	1.550 mm/min	1.600 mm/min	3.300 mm/min	3.300 mm/min	3.300 mm/min	3.300 mm/min	3.300 mm/min
Dimensions							
– length	1.050 mm	1.115 mm	1.050 mm	1.305 mm	1.050 mm	1.260 mm	3.000 mm
– width	900 mm	1.020 mm	900 mm	1.020 mm	900 mm	900 mm	900 mm
– height	1.840 mm	2.000 mm	1.840 mm	2.000 mm	1.840 mm	1.920 mm	1.840 mm
Weight	820 kg	950 kg	850 kg	1.050 kg	850 kg	1.150 kg	1.700 kg
Working height	1.010 mm	1.010 mm	1.010 mm	1.010 mm	1.010 mm	1.050 mm	1.010 mm
Swivel range for mitre cuts	180°	180°	180°	180°	180°	–	180°
Working range							
●○ (round) 90°	130 mm	150 mm	130 mm	150 mm	130 mm	140 mm	130 mm
●○ (round) 45°	130 mm	150 mm	130 mm	150 mm	130 mm	–	130 mm
■□ (square) 90°	120 mm	140 mm	120 mm	140 mm	–	130 mm	120 mm
■□ (square) 45°	110 mm	130 mm	110 mm	130 mm	–	–	110 mm
▬▭ (flat) 90°	305 x 20 mm	330 x 40 mm	305 x 20 mm	330 x 40 mm	–	330 x 40 mm	305 x 20 mm
▬▭ (flat) 45°	245 x 30 mm	250 x 40 mm	245 x 30 mm	250 x 40 mm	–	–	245 x 30 mm

FEATURES	KKS 400 E	KKS 450 E	KKS 400 H	KKS 450 H	KKS 400 T	KKS 450 R	KKS 400 DH
Hydraulic short-stroke clamping cylinder	●	●	–	–	–	–	–
Hydraulic long-stroke clamping cylinder	–	–	●	●	●	●	●
Horizontal stops left / right	○	○	○	○	–	–	○
Hydr. horizontal clamping device left / right	○	○	○	○	–	–	○
Work piece stop with contact surfaces on both sides of the saw blade	●	●	●	●	○	–	●
Electronic cut stroke limitation	●	●	●	●	●	●	●
Swivelling protection cover	●	●	●	●	–	–	●
Two-handed operation	–	–	–	–	●	●	–
Workspace lighting	○	○	●	●	●	●	○
Minimal lubrication	○	○	○	○	●	●	○
Hydraulic saw blade feed	●	●	●	●	●	●	●
Input/Output Roller conveyor T3	○	○	○	○	–	–	○
Length measurement system	○	○	○	○	–	–	–

● = standard ○ = optional – = not applicable