

# KR RANGE

FOR EXCAVATORS FROM 1 TO 125 TONS

## Rotary drum cutters with spur gears

### FEATURES

Extra heavy-duty, rigid gear box housing

Equipped for optional water spray dust suppression system

High torque motors for maximum cutting force

Cutter tool pattern on drums designed for optimum energy saving efficiency

Drums supported on heavy-duty bearings

Exceptional wear protection on the gearbox

Protected hose management



Gear drive

### APPLICATIONS

Tunnelling

Demolition

Also used for trenching and pipeline work, renovating concrete, profiling, mining of soft minerals and underwater excavating



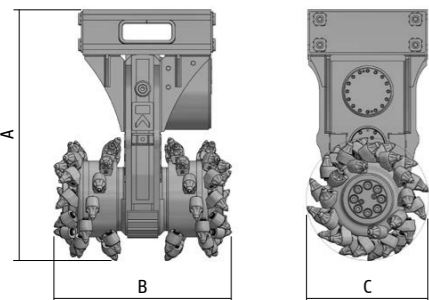
▲ A KR 120 in operation.

▼ Housing with hydraulic hose protection.



▲ Water jets for dust suppression (optional).

▼ Tool pattern for optimum performance.



### KR RANGE

		KR 15	KR 18	KR 30	KR 45	KR 65	KR 80	KR 110	KR 120 C	KR 120	KR 150	KR 160	KR 200	KR 400
Recommended excavator weight	t	0.6-3	2-4	5-8	9-15	12-18	15-25	20-35	20-40	25-45	30-50	35-55	50-70	80-125
Rated power	kW	15	18	30	45	65	80	110	120	120	120	160	200	400
Drum cutter length (A)	mm	610	610	805	965	1,130	1,200	1,420	1,420	1,420	1,420	1,580	1,650	1,970
Cutter head width, standard (B)	mm	405	405	500	600	780	800	1,040	880	1,040	1,040	1,050   1,240	1,330	1,600
Cutter drum diameter, standard (C)	mm	225	225	370	400	575	575	680	680	680	680	680	805	920
Maximum torque at 380 bar	Nm	1,000	2,000	4,500	6,300	11,300	15,200	20,200	25,400	25,400	30,300	36,400	51,000	118,500
Maximum cutting force at 380 bar	N	8,889	17,778	24,324	31,500	39,304	52,870	59,412	74,706	74,706	89,118	107,059	126,708	257,609
Recommended rotation speed	rpm	100	100	100	90	85	80	75	75	75	70	65	55	50
Recommended oil flow	l/min	15-25	25-40	50-80	90-120	120-150	150-190	240-280	280-350	280-350	300-350	300-390	350-450	700-950
Maximum oil flow at 10 bar	l/min	40	60	90	130	170	210	300	350	350	360	400	500	1,000
Maximum operating hydraulic pressure	bar	400	400	400	400	400	400	400	400	400	400	400	380	380
Weight	kg	100	130	290	450	820	1,000	1,850	1,850	1,850	1,900	2,500	3,500	6,000
Number of picks	Pcs	40	40	44	44	44	44	56	44	56	56	56	64	68

# KRD RANGE

FOR EXCAVATORS FROM 20 TO 40 TONS

## Rotary drum cutters with direct drive

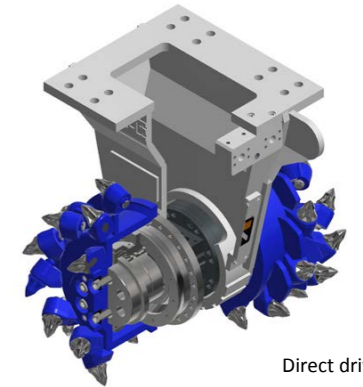
### FEATURES

Strong, compact design

Direct drive with particularly strong support for the cutter drums

High power to weight ratio

Protected hose management



Direct drive

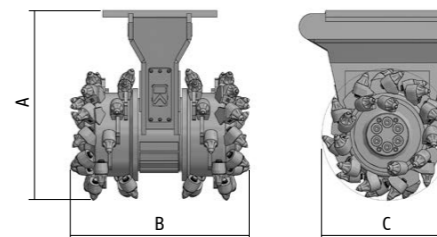
### APPLICATIONS

Demolition using long arm excavators

Ground stabilisation

Renovating concrete

Also used for trenching and pipeline work, profiling, mining soft minerals, underwater excavations, tunnelling and shaft sinking



### KRD RANGE

		KRD 100	KRD 120	KRD 150
Recommended excavator weight	t	20-40	25-40	30-40
Rated power	kW	110	120	120
Drum cutter length (A)	mm	1,070	1,070	1,070
Cutter head width, standard (B)	mm	1,000	1,000	1,000
Cutter drum diameter, standard (C)	mm	730	730	730
Maximum torque at 380 bar	Nm	20,200	25,400	30,300
Maximum cutting force at 380 bar	N	55,342	69,589	83,014
Recommended rotation speed	rpm	75	75	75
Recommended oil flow	l/min	240-280	280-320	300-350
Maximum oil flow at 10 bar	l/min	350	350	350
Maximum operating hydraulic pressure	bar	400	400	400
Weight	kg	1,500	1,500	1,500
Number of picks	Pcs	48	48	48