

# DRUM CUTTERS

KDC-Series



## LET'S CUT TO THE CHASE

Experience bigger benefits with the KDC-Series

### • INCREASED PROFITABILITY

- Robust construction and low-maintenance operation
- Precision profiling and cutting performance in hard soil and rock
- Easy re-utilisation of cut material

### • GREATER EFFICIENCY

- High pick force
- Extremely high cutting-head torque
- Maximum cutting force thanks to reduction gear unit

### • MAXIMUM FLEXIBILITY

- Modular construction
- Large selection of drum/pick options
- Fast and easy exchange of wear parts

Low noise and reduced vibration

Maximum performance due to robust spur gear

Waterproof upto 25m depth

Durable and low maintenance cost

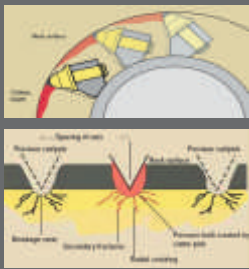
Fast, easy exchange of wear parts

Adjustable motor based on machine's hydraulic output

Large drum and pick assortment



## CUTTING TECHNIQUE



More than the performance of the cutter (kW), it is the pick force and cutting head torque which creates the optimal cutting operation.

The optimum arrangement of the picks guarantees a high loosening rate of the rock and a low overall wear rate – as a smoother cutting action reduces vibration on the excavator.

## Optional 360° degree rotation



Parameters		KDC04	KDC06	KDC08	KDC15	KDC20	KDC30	KDC35	KDC45	KDC60
Excavator Size	Ton	2-4t	2-4t	2-8t	8-15t	12-20t	18-30t	25-35t	25-45t	40-60t
Hydraulic Power	kw	18	18	22	30	45	60	90	120	150
Operating Weight	kg	250	250	250	420	850	1350	1400	2,550	2800
Working Pressure	bar	215 / 180			225 - 180	200 / 180	240 / 200	210 / 180	205 / 180	225 / 190
oil flow	lpm	48	50	60	90-115	100-170	140-210	240-340	300-500	360-600
Drum Speed	rpm	80 – 130			80 – 120	70 – 105	60 – 90	60 – 80	50 – 80	50 – 75
Cutting Speed	mps	1.6 – 2.0			1.6 -2.4	2.2 - 2.6	2.0 – 2.4	1.9 – 2.3	1.9 – 2.3	1.9 – 2.3
Cutter Torque	nm	2330	2330	4750	7880	9990	13650	24150	36200	43600
Pick force	kN	16 – 26.6			23 – 40	32 – 36	44.5	39.3	78 - 95	115
Number of picks	No.	44	44	44	48	56	56	56	64	80
Drum Diameter	mm	350	350	350	405	550	615	615	760	760
Cutting Width	mm	500	500	500	630	750	900	900	1,200	1,400
Height	mm	615	615	615	740	965	1095	1095	1,345	1345
Max Cutting Force	KN	13	16	29	40	36	44	79	95	114

## Tata Hitachi Construction Machinery Company Private Limited

Registered Office: Jubilee Building, 45 Museum Road, Bangalore, India 560025  
Telephone: +9180 66953301 / 02/03/04/05 | Email: info@tatahitachi.co.in



www.tatahitachi.co.in

Toll Free Number  
1800 121 6633



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