

HKM

AXIAL DRUM CUTTER

HKM Axial Drum Cutters deliver precise and low-vibration cutting across a wide range of jobs from narrow trenching and pile head removal to curb and gutter profiling and vertical surface finishing. The single inline axial drum concentrates power on one axis to provide superior control and clean cut quality in confined and vertical applications.

The four-model line-up **AC05 - AC30** combines a **high-torque hydraulic motor**, **optimized bit layout** and a **heavy-duty gear train** to ensure fast material removal, short cycle times and long service life in harsh jobsite conditions.

With **easy installation**, **quick bit replacement** and **low noise operation**, HKM Axial Drum Cutters help you move confidently with minimal rework on sensitive tasks.



TECHNICAL SPECIFICATIONS

	AC05	AC10	AC20	AC30
Carrier Weight (ton)	2,5-6	8-15	18-30	30-50
Operating Weight (kg)	210	360	950	1484
Max Operating Pressure (bar)	205	270	300	300
Oil Flow (l/min)	40-100	100-140	120-200	200-320
Required Operating Power (kW)	34	63	100	160
Torque @320 Bar (Nm)	3100	6220	8760	20440
RPM @40 L/m	105	97	110	71
Output Torque @320 Bar (Nm)	6440	8455	17840	21155
Cutter Bit (pcs)	32	40	50	45
Drum Diameter (mm)	370	440	470	570
Drum Width (mm)	400	480	500	600

**AC05****AC10****AC20****AC30**

Key Features

Compact Body Design

Enables easy operation in confined areas.

Low Vibration and Noise

Enhances operator comfort and reduces potential impact on surrounding structures.

Precise Drum Control

The single-axis vertical drum provides clean profiling on vertical faces and in narrow trenches.

High-Torque Drive

A powerful hydraulic motor and robust gearbox ensure steady progress in hard materials.

Service-Friendly Design

Quick bit changes in the field and protected hose/cable routing minimize downtime.

Backfill-Ready Material

Produces fine, homogeneous particles that can be used on site as fill material.

Application Areas

Utility trenching and slot cutting

Pile and column head grinding

Curb, gutter and wall profiling

Selective demolition and concrete surface finishing

The HKM logo is displayed in a bold, red, sans-serif font. The letters are thick and closely spaced, with the 'H' and 'K' being particularly prominent. The logo is positioned in the bottom right corner of the page, set against a white background. A large red triangle is visible in the top right corner of the overall page design.

Benefits

Increased Productivity

The single-drum vertical layout concentrates power along the cutting axis; cycle times are reduced.

Lower Operating Cost

By downsizing the material it reduces hauling and the need for secondary breakers; produces backfill-ready aggregate.

Operator Comfort

Low vibration and noise reduce operator fatigue and improve job accuracy.

Versatile Cutting

Vertical faces, narrow trenches and profiling can be handled with a single machine.

Long Service Life

A rugged body, wear plates and high-quality bearings ensure long service life.

Environment-Friendly Operation

Reduced impact and low noise lessen environmental effects on urban jobsites.

Surface Protection

Minimizes unwanted cracking and spalling during precise excavation and finishing.

Precise Profiling

The single-axis drum maintains the target shape and produces clean, consistent lines.

Additional Optional Features

Underwater Application Package (Underwater Kit)

Designed for safe use in direct water contact and high-humidity environments:

- Electrical and hydraulic connections are fully sealed.
- Corrosion-resistant alloy components provide long service life.
- A special grease-packed gland/seal system extends maintenance intervals.

High-Wear Protection Kit

Developed for abrasive ground conditions (sandy soils, quartzite, silica):

- Hardox™/AR400 steel body liners increase durability.
- Zirconium-oxide-coated bits extend average service life by up to 50%.
- A high-flow particulate filtration system protects the hydraulic circuit.

Extended-Reach Module

Provides extra reach for deep trenches and steep vertical profiling:

- +500 mm extension pipe increases cutting depth.
- Adjustable mounting brackets ensure optimal power transfer at various angles.

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BREAK THROUGH. BUILD BEYOND.

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