



DRUM CUTTERS WS-SERIES



MAIN BENEFITS

● HIGH PROFITABILITY

- Robust and low maintenance
- Precise and profile-true cutting in hard soil and rock
- Easy reutilization of cut material

● GREATER EFFICIENCY

- High chisel force
- Extremely high cutting head torque
- Maximum cutting force due to transmission gearing

● MAXIMUM FLEXIBILITY

- Modular construction
- Large product range of drums and chisels
- Fast and easy exchange of wear parts

WS DRUM CUTTERS

The cutters with robust spur gearing are driven by high torque motors. In addition, they are equipped with a gear reduction to increase the cutting force.

The optimal selection of drum and chisel guarantees high performance for loosening of material and reduces wear.

The best suited components for your task will provide optimum penetration into the rock at low vibration and noise levels.

Underwater operation in up to 25m water depth is no problem thanks to the heavy duty sealing system.

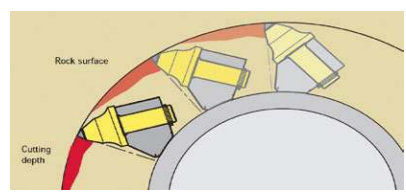


Low noise level and less vibration reduce work fatigue

Maximum performance due to robust spur gear

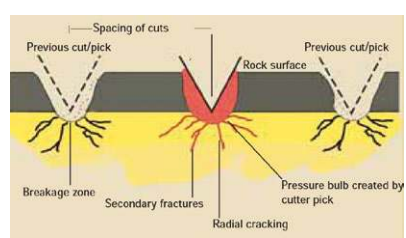
Waterproof to 25m depth

Extremely robust with low maintenance due to massive drive shaft bearing and heavy duty sealing system



CUTTING TECHNIQUE

It is not the performance of the cutter (kW) which is decisive for the cutting operation, but the chisel force due to the cutting head torque.



The optimum arrangement of the chisels guarantees a high loosening performance and low wear. Thus a smooth cutting reduces vibration on the excavator.



Hydraulic motor can be adjusted to the output of the excavator hydraulics

Fast and easy exchange of wear parts reduces downtimes

Large drum and chisel assortment

Optional 360° Rotation

Rotation of the cutter allows exact positioning in corners, on walls and other vertical surfaces for more accurate contouring.

STANDARD DRUM VERSIONS:

Benefit from the variety of drums available in different strengths for all kinds of operations. Special drum versions are available on request.



Rock Drum
For cutting soft to medium-hard rock. With select chisels for maximum productivity and loosening performance.



Profiling Drum
For shaping and leveling soft to medium-hard rocks. Higher density of chisels for clean surfaces at reduced vibration.



Demolition Drum
For cutting medium-hard to hard rock and concrete. High running smoothness and reduced vibration due to wear-protected spiral sheet.

CHISEL VERSIONS:

The specific selection of the chisel for the required operation guarantees an optimum loosening performance and low wear.



Standard Chisel
For soft to medium-hard rocks. (Asphalt, argillite)



Heavy Duty Chisel
For medium-hard to very hard rocks. (Limestone, concrete)



Wear-Protected Chisel
For very abrasive rocks. (Sandstone, furnace gravel)

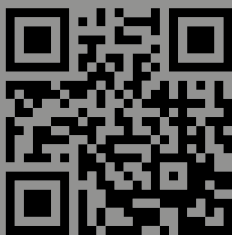


Wood Chisel
For wood applications. (Tree stumps)

Technical Key Features:

Type	Excavator operating weight (t)	Weight of cutter (kg)	Nominal power max. (kW)	Flow min. - max. (l/min)
WS15N	2 - 8	250	18/22	30 - 65
WS30N	8 - 15	420	30	70 - 120
WS45N	12 - 20	850	45	100 - 190
WS60N	18 - 30	1400	60	120 - 210
WS90N	25 - 35	1460	90	240 - 340
WS120N	30 - 45	2550	120	250 - 500
WS150N	40 - 60	2800	140	360 - 550

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