

HYDRAULIC TRANSVERSE CUTTING UNIT TYPE WS 90

The Schaeff WS 90 Hydraulic Transverse Cutting Unit can be supplied with three different kind of standard cutting drums:

- Rock Cutting Drum
- Scaling / Grinding Drum
- Demolition Drum

A range of motor displacements (LD / MD) are available to suit different pump outputs of the excavator platform.

Technical Specification

Type		WS90 - LD Optional	WS90 - MD Standard	
Input Power	kW	90	90	
Peak Power, max.	kW	120	120	
Hydr. Operating Pressure, max.	bar	350		
Required Flow rate	l/min	240 - 340	280 - 380	
Recommended Flow Rate	l/min	280	350	
Hydraulic Motor	cm ³	2 x 837	2 x 1.048	
Gearbox Ratio	i	2,0		
Cutting Drum Speed	min ⁻¹	72 at 240 l/min 102 at 340 l/min	67 at 280 l/min 91 at 380 l/min	
Cutting Head Torque (at 350 bar)	Nm	18.700	23.300	
Type of cutting drums				
Cutting Diameter	mm	Rock 628	Scaling 548	Demolition 628
Cutting Width	mm	868	790	868
Number of Picks	pcs	2 x 30	2 x 48	2 x 30
Standard-Type of Picks	type	T 5	C3R	T 5
Pick Force, max.	kN	74	85	74
Cutting Speed	m/s	2,1 - 3,3	1,9 – 3,3	2,1 - 3,3
Unit weight incl. cutting drums, approx.	kg	1.300		
Suitable excavator platform, weight	t	25 - 35		

(other drum diameters, drum widths and / or picks upon request)

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