WIMMER INTERNATIONAL

Hydraulic cutters Raptor

Universal cutter head for hydraulic excavators

High cutting torque

7 models for excavators from **2 to 60 tons**

3 drum versions available: rock / demolition, excavation, scaling

Thick walled heavy duty drums

Low maintenance, heavy duty bearings

Low vibration and low noise

For underwater usage (see manual)

Technical details

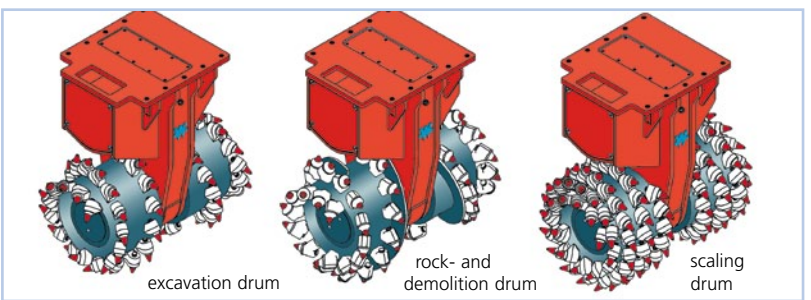
ATTENTION: Do not use this hydraulic data for excavator adjustment !!
Please use the manual

		Raptor WF 05		Raptor WF 20		Raptor WF 25		Raptor WF 30	
Power **	kW	18		30		45		60	
Max. operating pressue **	bar	375		375		350		350	
Flow rate **	l/min	40 - 70		90 - 130		120 - 190		140 - 210	
Cutter head torque (@300 bar)	Nm	2.800		5.500		9.900		14.000	
Drum		Rock/Demolition	Scaling	Rock/Demolition	Scaling	Rock/Demolition	Scaling	Rock/Demolition	Scaling
Cutting width	mm	500	535	630	680	750	655	900	900
Cutting Ø	mm	320	295	390	390	550	465	615	615
Number of picks	Stk.	2 x 24	2 x 47	2 x 24	2 x 33	2 x 28	2 x 39	2 x 30	2 x 38
Pick force	kN	18@370 bar	19@370 bar	28@350 bar	28@350 bar	36@350 bar	42@350 bar	45@350 bar	45@350 bar
Cutting speed	m/s	2,6 @ 65 l	2,6 @ 65 l	2,5 @ 120 l	2,5 @ 120 l	3,2 @ 190 l	3,1 @ 190 l	3 @ 210 l	3 @ 210 l
Operating weight (without adapter)	kg	205		380		830		1.335	
Excavator weight	to	2 - 6		6 - 12		12 - 20		18 - 30	

** see power curve

		Raptor WF 35		Raptor WF 55		Raptor WF 60	
Power **	kW	90		120		140	
Max. operating pressue **	bar	350		350		350	
Flow rate **	l/min	240 - 340		300 - 500		360 - 600	
Cutter head torque (@300 bar)	Nm	24.100		36.100		44.500	
Drum		Rock/Demolition	Scaling	Rock/Demolition	Scaling	Rock/Demolition	Scaling
Cutting width	mm	900	900	1.200	1.200	1.400	1.200
Cutting Ø	mm	615	615	760	760	760	760
Number of picks	Stk.	2 x 30	2 x 38	2 x 32	2 x 54	2 x 38	2 x 54
Pick force	kN	78@350 bar	78@350 bar	95@350 bar	95@350 bar	115@350 bar	115@350 bar
Cutting speed	m/s	2,5 @ 340 l	2,5 @ 340 l	3 @ 500 l	3 @ 500 l	3 @ 600 l	3 @ 600 l
Operating weight (without adapter)	kg	1.355		2.465		2.620	
Excavator weight	to	25 - 35		30 - 45		40 - 60	

** see power curve



Required hydraulics:
1 x high pressure line
1 x Return line
1 x Drainage line

Hardox gear protection

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Quality without Compromise.

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