

Hydraulic cutters Raptor WR



Universal cutter head for hydraulic excavators

Double bearings for cutterheads, large-dimensioned hydraulic motor

Turnable into various directions by hand

Option: hydraulic endless rotating adapter*

For carriers from 1 to 125 tons

Customized fitting for each application, cutterheads available in various diameters and sizes

Big variety of picks

* WR 70 and WR 125 are not able with hydraulic rotating adapter



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

Model	WR03				WR07				WR15		
	100	200	300	400	100	200	300	400	200	300	400
Hight without Adapter, mm	610	610	610	610	805	805	805	805	965	965	965
Width of standard head, mm	480	480	480	480	610	610	610	610	680	680	680
Ø standard-drum incl. picks, mm	225	225	225	225	370	370	370	370	450	450	450
Ideal rotations per minute	150	150	150	150	110	110	110	110	95	90	90
Oil request, l/min	25	32	35	38	41	52	57	62	60	70	85
Max. pressure, bar	350	350	350	350	350	350	350	350	350	350	350
Torque @ 350 bar, Nm *	960	1.200	1.350	1.450	2.100	2.600	2.900	3.150	3.500	4.350	5.200
Cutting force @ 350 bar, N *	8.550	10.700	12.000	12.900	12.000	14.900	16.400	17.800	15.600	17.400	23.200
Weight without adapter, kg	136	136	136	136	312	312	312	312	481	481	481
Effective power, kW	18	18	18	18	30	30	30	30	45	45	45
Carrier weight, to	1 - 3	1 - 3	1 - 3	1 - 3	3 - 7	3 - 7	3 - 7	3 - 7	8 - 15	8 - 15	8 - 15
Number of picks (Standard cutterhead)	60	60	60	60	64	64	64	64	44	44	44

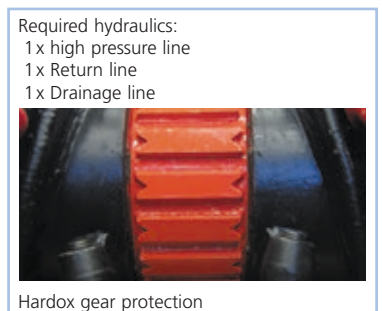
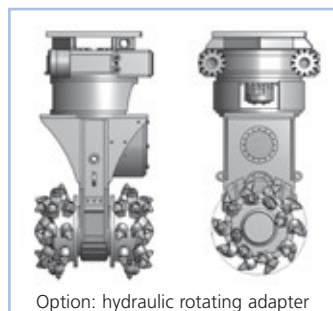
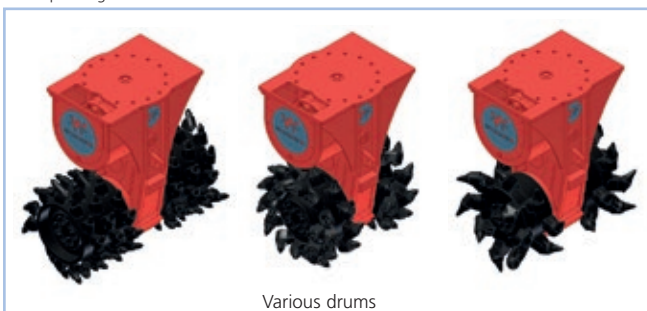
* depending on drum version

Model	WR18			WR24			WR40				WR40 HD	
	100	200	100	200	300	0	100	200	300	0	100	
Hight without Adapter, mm	1.130	1.130	1.200	1.200	1.200	1.420	1.420	1.420	1.420	1.420	1.420	1.420
Width of standard head, mm	780	780	800	800	800	880	880	880	880	1.000	1.000	1.000
Ø standard-drum incl. picks, mm	575	575	575	575	575	670	670	670	670	670	670	670
Ideal rotations per minute	80	80	80	80	80	75	75	75	75	75	75	75
Oil request, l/min	120	150	140	170	190	205	240	260	300	205	240	240
Max. pressure, bar	350	350	350	350	350	350	350	350	350	350	350	350
Torque @ 350 bar, Nm *	8.700	10.400	9.300	11.700	14.000	15.600	17.500	19.500	23.400	15.600	17.500	17.500
Cutting force @ 350 bar, N *	30.300	36.200	32.400	42.100	50.400	46.600	52.200	58.200	69.900	46.600	52.200	52.200
Weight without adapter, kg	804	804	1.014	1.014	1.014	1.736	1.736	1.736	1.736	1.775	1.775	1.775
Effective power, kW	65	65	80	80	80	120	120	120	120	120	120	120
Carrier weight, to	10 - 18	10 - 18	15 - 24	15 - 24	15 - 24	20 - 40	20 - 40	20 - 40	20 - 40	20 - 40	20 - 40	20 - 40
Number of picks (Standard cutterhead)	48	48	48	48	48	44	44	44	44	48	48	48

* depending on drum version

Model	WR40 HD		WR50			WR70			WR125		
	200	300	100	200	300	100	200	300	100	200	300
Hight without Adapter, mm	1.420	1.420	1.580	1.580	1.580	1.650	1.650	1.650	1.970	1.970	1.970
Width of standard head, mm	1.000	1.000	1.240	1.240	1.240	1.330	1.330	1.330	1.600	1.600	1.600
Ø standard-drum incl. picks, mm	670	670	680	680	680	805	805	805	920	920	920
Ideal rotations per minute	75	75	65	65	65	62	57	53	52	48	48
Oil request, l/min	260	300	300	340	390	350	400	450	700	800	950
Max. pressure, bar	350	350	350	350	350	350	350	350	350	350	350
Torque @ 350 bar, Nm *	19.500	23.400	22.300	27.800	33.500	31.200	39.000	45.800	74.300	92.800	109.100
Cutting force @ 350 bar, N *	58.200	69.900	65.600	81.800	98.500	77.600	96.900	113.900	161.500	201.700	237.200
Weight without adapter, kg	1.775	1.775	2.620	2.620	2.620	3.220	3.220	3.220	5.380	5.380	5.380
Effective power, kW	120	120	160	160	160	200	200	200	400	400	400
Carrier weight, to	20 - 40	20 - 40	35 - 50	35 - 50	35 - 50	50 - 70	50 - 70	50 - 70	70 - 125	70 - 125	70 - 125
Number of picks (Standard cutterhead)	48	48	56	56	56	64	64	64	68	68	68

* depending on drum version



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