

Hydraulic cutter Raptor WR



Universal cutter head for hydraulic excavators

Double bearings for cutterheads, large-dimensioned hydraulic motor

Manually and progressively turnable by 360°

Option: hydraulic endless rotary drive*

For excavators from 1 to 125 tons

**Customized fitting for each application,
cutterheads available in various cutting widths and versions**

Big variety of chisels /cutting tools

* The hydraulic endless rotary drive is not possible for models WR 70 and WR 125



Model	WR03				WR07				WR15		
	100	200	300	400	100	200	300	400	200	300	400
Motor version	100	200	300	400	100	200	300	400	200	300	400
Height incl. adapter, mm	610	610	610	610	805	805	805	805	965	965	965
Width of standard cutter head, mm	480	480	480	480	610	610	610	610	680	680	680
Ø standard-drum incl. chisel, mm	225	225	225	225	370	370	370	370	450	450	450
Ideal rotational speed, rpm	150	150	150	150	110	110	110	110	95	90	90
Oil requirement, l/min	25	32	35	38	41	52	57	62	60	70	85
Max. working 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 incl. between console, kg **	136	136	136	136	312	312	312	312	481	481	481
Nominal power, kW	18	18	18	18	30	30	30	30	45	45	45
Recommended 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 chisels (standard cutter head)	60	60	60	60	64	64	64	64	44	44	44

* Depending on drum version ** Weight without adapter plate

Model	WR18			WR24			WR40				WR40 HD	
	100	200	300	100	200	300	0	100	200	300	0	100
Motor version	100	200	300	100	200	300	0	100	200	300	0	100
Height incl. adapter, mm	1.130	1.130	1.200	1.200	1.200	1.200	1.420	1.420	1.420	1.420	1.420	1.420
Width of standard cutter head, mm	780	780	800	800	800	800	880	880	880	880	1.000	1.000
Ø standard-drum incl. chisel, mm	575	575	575	575	575	575	670	670	670	670	670	670
Ideal rotational speed, rpm	80	80	80	80	80	80	75	75	75	75	75	75
Oil requirement, l/min	120	150	140	170	190	190	205	240	260	300	205	240
Max. working 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	14.000	15.600	17.500	19.500	23.400	15.600	17.500
Cutting force 350 bar, N *	30.300	36.200	32.400	42.100	50.400	50.400	46.600	52.200	58.200	69.900	46.600	52.200
Weight incl. between console, kg **	804	804	1.014	1.014	1.014	1.014	1.736	1.736	1.736	1.736	1.835	1.835
Nominal power, kW	65	65	80	80	80	80	120	120	120	120	120	120
Recommended carrier weight, to	10 - 18	10 - 18	15 - 24	15 - 24	15 - 24	15 - 24	20 - 40	20 - 40	20 - 40	20 - 40	20 - 40	20 - 40
Number of chisels (standard cutter head)	48	48	48	48	48	48	44	44	44	44	48	48

* Depending on drum version ** Weight without adapter plate

Model	WR40 HD		WR50		
	200	300	100	200	300
Motor version	200	300	100	200	300
Height incl. adapter, mm	1.420	1.420	1.580	1.580	1.580
Width of standard cutter head, mm	1.000	1.000	1.240	1.240	1.240
Ø standard-drum incl. chisel, mm	670	670	680	680	680
Ideal rotational speed, rpm	75	75	75	68	65
Oil requirement, l/min	260	300	300	340	390
Max. working pressure, bar	350	350	350	350	350
Torque @ 350 bar, Nm *	19.500	23.400	22.300	27.800	33.500
Cutting force 350 bar, N *	58.200	69.900	65.600	81.800	98.500
Weight incl. between console, kg **	1835	1835	2.620	2.620	2.620
Nominal power, kW	120	120	160	160	160
Recommended carrier weight, to	20 - 40	20 - 40	35 - 50	35 - 50	35 - 50
Number of chisels (standard cutter head)	48	48	56	56	56

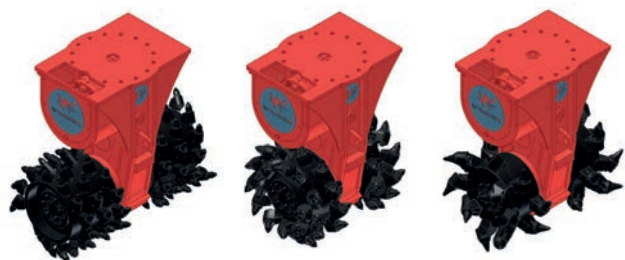
* Depending on drum version ** Weight without adapter plate

Required hydraulic equipment:

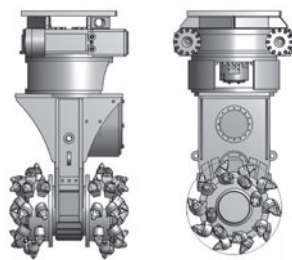
- 1 x pressure line
- 1 x tank line
- 1 x drain line



Hardox gear protection



Examples for various drum versions



Option:
hydraulic endless rotatable

WIMMER Hartstahl GmbH & Co KG und WIMMER Felstechnik GmbH
Industriestraße 3, A-5303 Thalguau, AUSTRIA, Tel. +43 (0)6235 6655-0

office@wimmer.info

www.wimmer.info

