

# HRC™

## High pressure grinding rolls (HPGR)

Model Name	HRC™8	HRC™800	HRC™1000	HRC™1200	HRC™1450	HRC™1700	HRC™2000	HRC™2400	HRC™2600	HRC™3000
Tire Diameter (mm)	800	740 (800 for non-metallic)	1000	1200	1450	1700	2000	2400	2600	3000
Tire Width (mm)	500	400 (500 for non-metallic)	625	750	900	1000	1500	1650	1750	2000
Maximum Installed power (kW)	2 x 75	2 x 132 (2 x 110 for non-metallic)	2 x 260 (2 x 200 for non-metallic)	2 x 440 (2 x 300 for non-metallic)	2 x 650 (2 x 515 for non-metallic)	2 x 900	2 x 1900	2 x 3000	2 x 3700	2 x 5700
Maximum Installed power (HP)	2 x 100	2 x 177 (2 x 148 for non-metallic)	2 x 349 (2 x 268 for non-metallic)	2 x 590 (2 x 402 for non-metallic)	2 x 872 (2 x 690 for non-metallic)	2 x 1207	2 x 2548	2 x 4023	2 x 4962	2 x 7644
Nominal Tire Speed (RPM)	28.8	28.8	25.8	23.5	21.4	19.1	19.1	19.1	19.1	19.1
Nominal Circumferential Speed (m/s)	1.2	1.2	1.4	1.5	1.6	1.7	2.0	2.4	2.6	3.0
Top size (mm)*	32	32	25	30	36	43	50	60	65	75
Typical Capacity (tph)**	60 - 90	86 - 120	127 - 253	200 - 399	318 - 636	434 - 867	900 - 1800	1426 - 2851	1775 - 3549	2700 - 5400

\*Varies per application

\*\*Varies per application, values based on nominal equipment speed and a specific throughput of 150 - 300 ts/m3h, values are for the machine and do not include circulating load