

Filling Volumes/charge details for Roesler machines

Type	HBFE 02	HBFE 02.2E	HBFE 02.3E	HBFE 06 SA	HBFE 15 SA	HBFE 35 SA	HBFE 55 SA	HBFE 65 SA	HBR 22 S	HBR 42 S	HBR 62 S	
TECHNICAL DATA												
Total volume	Litres	18	ea. 18	ea. 18	65	140	260	330	410	220	420	620
Charge approx.*	kg	8	ea. 8	ea. 8	20 - 35	75 -100	150 - 200	200	225	approx. 160	approx. 300	approx. 450
External diameter	mm	321	ea. 321	ea. 321	545	700	900	1060	1170	1200	1520	1695
Internal diameter	mm	295	ea. 295	ea. 295	504	630	815	925	1035	260	365	430
Empty weight approx.	kg	170	680	800	500	1100	2250	2900	2950	690	1020	1300
Space requirement												
Length x width	mm	850 x 510	1240 x 880	1780 x 880	1900 x 1300	2300 x 1570	3150 x 1445	3475 x 1955	3575 x 2065	1200 x 1340	1520 x 1650	1695 x 1810
Separation												
PU-Coating **	mm	6 -12	ea. 6 - 12	ea. 6 - 12	6 - 21	10 - 19	15 - 30	15 - 30	15 - 30	16	20	20
Separation space												
Length x width	mm	-	ea. 245 x 360	ea. 245 x 360	680 x 500	795 x 600	1060 x 850		1060 x 850	0,26m ² 980 x 260	0,46 m ² 1260 x 360	0,58 m ² 1315 x 430
Drive												
Motor speed	rpm/50 Hz	293	je 293	je 293	174	172	121	112	106	1500	1500	1500
Screening speed***	rpm	-	-	-	1500	1500	1500	1500	1500	1000	1000	1000
Fuse protection	A	16	20	25	20	25	50	50	50	20	35	35
Power supply		230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Parts capacity (number of pcs.)****												
acetate fronts						30	80	150	200	100	250	350
acetate temples					100	150	250/350	350/500	450	500	650	850
acetate bridges					200	300	400/500	600/700	850	1000	2000	3000
injection moulded fronts						30	80	150	200	100	250	350
injection moulded temples					100	150	250/350	350/500	450	500	650	850
injection moulded bridges					200	300	400/500	600/700	850	1000	2000	3000
metal fronts						40	50/80	risk of bending, twisting / pressure		100	300	450
metal temples						150	250			300	500	700
metal bridges		0,5 ltrs	2 x 0,5 ltrs	3 x 0,5 ltrs	3 ltrs	7 ltrs						
other small metal parts		0,5 ltrs	2 x 0,5 ltrs	3 x 0,5 ltrs	3 ltrs	7 ltrs						

* depending on type of chips and kind of workpieces, as well as RPM's of rotor **PU-Coating of processing bowl (from - to) = Upper edge of processing bowl to gap area

*** RPM's for built-in workpiece separation system **** depending on the size (figures are for medium size)

All data subject to change!