

# A Size For Every Application....

Production and laboratory mixers by Kobelco embody advanced design, sound construction, exclusive features and production potentials which will bring more profit to the producer of rubber or plastic related products.

No guaranteed mixer output is implied.

Technical Data	Rotor	Unit	BB-2	BB-4	BB-14	BB-16	BB-35	BB-50	BB-80	BB-100
NET CHAMBER VOLUME	2 WS	liters	1.7	3.5	-	17.7	38	50	76	-
	4 WH	liters	1.5	3	-	16	34	-	68	-
	6WI	liters	1.4	2.8	-	14.4	31.6	41.5	62.6	-
	IM*	liters	-	-	14.5	-	-	-	-	104
NOMINAL BATCH SIZE (Spec. Grav. 1.0)	2 WS	lbs / kg	2.8 / 1.3	5.8 / 2.6	-	29 / 13.3	63 / 28.5	82 / 37.5	125 / 57	-
	4 WH	lbs / kg	2.5 / 1.1	5.0 / 2.3	-	26 / 12	56 / 25.5	-	112 / 51	-
	6WI	lbs / kg	2.3 / 1.0	4.6 / 2.1	-	24 / 10.8	52 / 23.7	68 / 31	103 / 47	-
	IM*	lbs / kg	-	-	22 / 10	-	-	-	-	160 / 73
ROTOR SPEED**	2 WS	RPM	195	125	-	49	45	40	37	-
	4 WH	RPM	188	125	-	46	42	-	37	-
	6WI	RPM	188	125	-	46	42	44	37	-
	IM*	RPM	-	-	120	-	-	-	-	43
REQUIRED MOTOR CAPACITY (For Above Rotor Speed)	2 WS	hp / kw	25 / 19	30 / 22	-	60 / 45	125 / 90	150 / 110	200 / 150	-
	4 WH	hp / kw	30 / 22	40 / 30	-	75 / 55	150 / 110	-	250 / 190	-
	6WI	hp / kw	30 / 22	40 / 30	-	75 / 55	150 / 110	200 / 150	250 / 190	-
	IM*	hp / kw	-	-	75 / 55	-	-	-	-	500 / 375
APPROXIMATE DIMENSIONS	LENGTH	FT / M	9 / 2.7	11 / 3.4	4 / 1.2	4 / 1.2	5 / 1.5	7 / 2.2	7 / 2.2	8 / 2.4
	WIDTH	FT / M	5 / 1.5	4 / 1.2	4 / 1.2	4 / 1.2	5 / 1.5	6 / 1.8	6 / 1.8	6 / 1.8
	HEIGHT	FT / M	9 / 2.7	10 / 3.0	10 / 3.0	10 / 3.0	11 / 3.4	12 / 3.7	13 / 4.0	15 / 4.7
APPROXIMATE WEIGHT***		lbs	5,500+	6,600+	6,000	6,000	11,000	15,500	22,000	26,000
		kg	2,500+	3,000+	2,700	2,700	5,000	7,000	10,000	11,820
REQUIRED COOLING FLOW		GPM/LPM	11 / 40	13 / 50	40 / 150	40 / 150	53 / 200	79 / 300	106 / 400	106 / 400

NOTE: ALL DATA PROVIDED FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

- \* IM = Intermeshing Rotors.
- \*\* For Rubber mixing only, plastic mixing rotor speed upon request.
- \*\*\* Approximate weight includes mixing chamber and hopper only.
- + Weight of entire unit, including motor and drive.

Technical Data		Rotor	Unit	BB-120	BB-150	BB-180	BB-210	BB-240	BB-270	BB-370	BB-620
<b>NET CHAMBER VOLUME</b>	<b>2 WS</b>	liters	120	-	180	-	240	268	-	-	
	<b>4 WH</b>	liters	108	-	156	-	218	255	396	699	
	<b>6WI</b>	liters	99.4	-	143.5	-	200	235	365	643	
	<b>IM*</b>	liters	-	152	-	210	-	-	-	-	
<b>NOMINAL BATCH SIZE</b> (Spec. Grav. 1.0)	<b>2 WS</b>	lbs / kg	198 / 90	-	297 / 135	-	397 / 180	443 / 201	-	-	
	<b>4 WH</b>	lbs / kg	178 / 81	-	257 / 117	-	361 / 164	422 / 191	655 / 297	1156 / 524	
	<b>6WI</b>	lbs / kg	164 / 75	-	237 / 108	-	331 / 150	389 / 176	604 / 274	1063 / 482	
	<b>IM*</b>	lbs / kg	-	234 / 106	-	323 / 147	-	-	-	-	
<b>ROTOR SPEED**</b>	<b>2 WS</b>	RPM	39	-	43	-	60	60	-	-	
	<b>4 WH</b>	RPM	46	-	46	-	56	60	60	50	
	<b>6WI</b>	RPM	46	-	46	-	56	60	60	50	
	<b>IM*</b>	RPM	-	47	-	47	-	-	-	-	
<b>REQUIRED MOTOR CAPACITY</b> (For Above Rotor Speed)	<b>2 WS</b>	hp / kw	350 / 250	-	550 / 400	-	1250 / 900	1500 / 1125	-	-	
	<b>4 WH</b>	hp / kw	500 / 375	-	750 / 560	-	1500 / 1125	2250 / 1700	3000 / 2250	4000 / 3000	
	<b>6WI</b>	hp / kw	500 / 375	-	750 / 560	-	1500 / 1125	2250 / 1700	3000 / 2250	4000 / 3000	
	<b>IM*</b>	hp / kw	-	750 / 550	-	1250 / 940	-	-	-	-	
<b>APPROXIMATE DIMENSIONS</b>	<b>LENGTH</b>	FT / M	8 / 2.4	9 / 2.7	9 / 2.7	10 / 3.0	10 / 3.0	10 / 3.0	11 / 3.4	13 / 4.0	
	<b>WIDTH</b>	FT / M	6 / 1.8	7 / 2.2	7 / 2.2	7 / 2.2	7 / 2.2	7 / 2.2	8 / 2.4	9 / 2.7	
	<b>HEIGHT</b>	FT / M	15 / 4.7	17 / 5.2	17 / 5.2	19 / 5.8	20 / 6.1	20 / 6.1	23.0 / 7.0	26.0 / 7.9	
<b>APPROXIMATE WEIGHT**</b>		lbs	26,000	34,000	34,000	48,000	48,000	48,000	83,000	110,000	
		kg	11,820	15,455	15,455	22,000	22,000	22,000	37,730	50,000	
<b>REQUIRED COOLING FLOW</b>		GPM/LPM	106 / 400	159 / 600	159 / 600	185 / 700	185 / 700	264 / 1,000	343 / 1,300	502 / 1,900	

**NOTE: ALL DATA PROVIDED FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE**

- \* IM = Intermeshing Rotors.
- \*\* For Rubber mixing only, plastic mixing rotor speed upon request.
- \*\*\* Approximate weight includes mixing chamber and hopper only.