

# Technical Overview.

## Capacity data Masa Mixer

Type	Dry filling quantity (in liter)	Output (in liter)	Max. filling level (in kg)
<b>S 350/500</b>	500	350	750
<b>PH 1500/2250</b>	2.250	1.500	3.375
<b>PH 2000/3000</b>	3.375	2.250	5.062
<b>PH 3000/4500</b>	4.500	3.000	6.750

## Capacity data Masa Concrete block machines

Type Standard pallet size Max. effective area Max. product height	Hollow blocks 400 x 200 x 200 mm (8")			Rectangular pavers w/o face mix 200 x 100 x 80 mm			Rectangular pavers with face mix 200 x 100 x 80 mm		
	Cycle time (1)	Pieces per cycle	Pcs. / 8 h (2)	Cycle time (1)	Pieces per cycle	m <sup>2</sup> / 8 h (2)	Cycle time (1)	Pieces per cycle	m <sup>2</sup> / 8 h (2)

### Economy

<b>L 6.1</b> 1.400 x 900 mm 1.300 x 850 mm 350 mm	16	12	<b>18.360</b>	15	48	<b>1.567</b>	17	48	<b>1.382</b>
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### Standard

<b>L 9.1</b> 1.400 x 1.100 mm 1.300 x 1.050 mm 500 mm	15	12	<b>19.584</b>	15	54	<b>1.763</b>	17	54	<b>1.555</b>
<b>XL 9.1</b> 1.400 x 1.100 mm 1.300 x 1.050 mm 500 mm	12	12	<b>24.480</b>	12	54	<b>2.203</b>	14	54	<b>1.888</b>
<b>XL 9.2</b> 1.400 x 1.300 mm 1.300 x 1.250 mm 500 mm	15	18	<b>29.376</b>	12	66	<b>2.693</b>	14	66	<b>2.308</b>

### Premium

<b>XL-R 9.1</b> 1.400 x 1.100 mm 1.300 x 1.050 mm 500 mm	11,5	12	<b>25.544</b>	9,5	54	<b>2.783</b>	11,5	54	<b>2.299</b>
<b>XL-R 9.2</b> 1.400 x 1.300 mm 1.300 x 1.250 mm 500 mm	14	18	<b>31.474</b>	9,5	66	<b>3.401</b>	11,5	66	<b>2.810</b>
<b>XL-R 9.3</b> 1.500 x 1.350 mm 1.400 x 1.300 mm 500 mm	14	18	<b>31.474</b>	9,5	72	<b>3.711</b>	11,5	72	<b>3.065</b>

The output figures listed above are guiding values. In practice, the production output depends on different factors, such as: Specific machine settings, selected mix designs, raw material types, additives, ambient conditions as well as others. The block dimensions, quantity per cycle and production quantity are determining parameters for the planned production.

(1) Cycle time in seconds (listed Masa machine in combination with Masa ring plant)

(2) Production capacity per 8 hour shift, at 85% efficiency