

# Material Processor

Allied's Model MP 785R, MP 985R and MP 1385R



# Allied's Material Processors are designed to mount on excavators ranging from 44,000 lbs. to 110,000 lbs.

## Models MP 785R, MP 985R and MP 1385R Specifications

Operating Ranges		Model MP 785R		Model MP 985R		Model MP 1385R	
		Crusher Jaw	Shear Jaw	Crusher Jaw	Shear Jaw	Crusher Jaw	Shear Jaw
Weight (Processor)	lbs. (kg)	7,275 (3300)	7,055 (3200)	10,020 (4545)	9,998 (4535)	11,795 (5350)	11,399 (5170)
Crushing Force at Front Spike	tons	91	N/A	114	N/A	143	N/A
Cutting Force at Throat	tons	N/A	195	N/A	272	N/A	335
Maximum Cylinder Pressure	psi (bar)	5,075 (350)	5,075 (350)	5,075 (350)	5,075 (350)	5,075 (350)	5,075 (350)
Maximum Motor Pressure	psi (bar)	3,045 (210)	3,045 (210)	3,045 (210)	3,045 (210)	3,045 (210)	3,045 (210)
Cylinder Oil Flow Rate	gpm (lpm)	26-66 (150-250)	26-66 (150-250)	53-80 (200-300)	53-80 (200-300)	66-106 (250-400)	66-106 (250-400)
Motor Oil Flow Rate	gpm (lpm)	3-8 (10-30)	3-8 (10-30)	3-8 (10-30)	3-8 (10-30)	6-16 (20-60)	6-16 (20-60)
Maximum Opening	in. (mm)	23.6 (600)	21.3 (540)	28.2 (717)	25.4 (645)	33.4 (848)	22.4 (570)
Overall Length	in. (mm)	93 (2352)	96 (2440)	105 (2668)	109 (2773)	113 (2866)	117 (2970)
Overall Width	in. (mm)	48 (1210)	50 (1271)	55 (1400)	61 (1547)	64 (1630)	65 (1654)
Recommended Carrier Weight (Excavator)	lbs.	44,000- 55,000	44,000- 55,000	66,000- 80,000	66,000- 80,000	80,000- 100,000	80,000- 100,000

### Shear/Plate Jaw Set

		MP 785R	MP 985R	MP 1385R
"I" Beam	in.	12	15	18
Solid Round	in.	2.1	2.5	2.6
Plate (pierce)	in.	.6	.6	.6
Pipe	in.	11	12	14
Concrete	in.	11-16	12-18	18-26

### Demolition Jaw Set

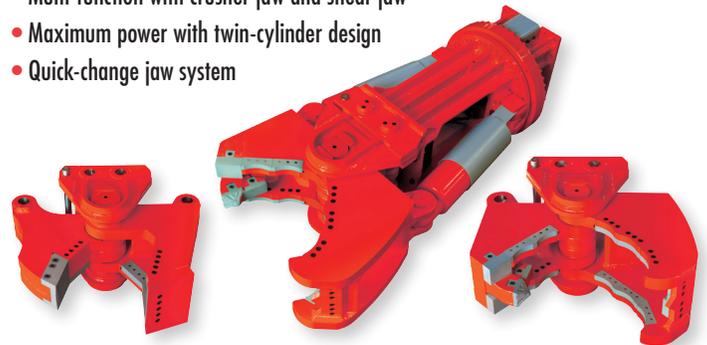
		MP 785R	MP 985R	MP 1385R
Concrete	in.	18-27	20-28	26-30
Rebar*	in.	2.1	2.5	2.6

\*This size represents single point cut

This above data represents a standard appetite in normal usage and might not reflect the maximum size of cross-section that can be processed. The actual results could vary depending on material construction, material properties, carrier performance and operator skill.

Note: Structural shapes will vary from web, flange and plate thickness and yield strength. Plate thicknesses shown reflects the Shear Jaw tip piercing the material. Pipe dimensions shown reflect a schedule 40 mild steel material. Concrete capacities reflect a 3,000-5,000 psi material non-reinforced.

- Multi-function with crusher jaw and shear jaw
- Maximum power with twin-cylinder design
- Quick-change jaw system



For sales and service, contact your Allied Distributor:

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