

SPECIFICATIONS

14" DIAMETER 16-STAND MORGAN BAR MILL

MANUFACTURER: MORGAN
AGE: 1980

GENERAL SPECIFICATION

TYPE: 16-STAND HORIZONTAL/VERTICAL MILL STANDS
(CAN BE CONVERTED TO 16 STAND HORIZONTAL MILL (BY OTHERS))

CAPACITY: 420,000 TPY OF REBAR SIZE #5 TO #18

STARTING BILLET 4-1/2" X 4-1/2", 5" X 5", 5-1/4" X 5-1/4" (114; 127 AND 133 MM)
SIZES: 5" X 7", 6" X 6", 6-3/8" X 4-3/4" (127 x 177 MM; 152 X 152 MM; 6 X 120 MM)

PRODUCTS PRODUCED: UP TO 4" CHANNEL, UP TO #18 REBAR, 4" X 4" ANGLES

EQUIPMENT:

STND	TAG NO.	ROLL DIA (MM)	TYPE	COMBO PINION/ GEARBOX	MOTOR (RPM)	COMBO GEARBOX TAG NO.	AVAILABLE SEPARATELY (SIMILAR PINIONS/GEARBOXES)
R1	YM4195	550	V	143.27	650/1300	YM4195004	NOT APPLICABLE
R2	YM4196	550	H	107.88	650/1300	NOT AVAIL	NOT AVAILABLE
R3	YM4197	450	H	56.85	650/1300	NOT AVAIL	NR2005 PINION
R4	YM4198	450	V	40.64	650/1300	NOT AVAIL	NOT AVAILABLE
5	YM4199	450	H	30.51	650/1300	YM3884	NOT APPLICABLE
6	YM4200	400	V	17.55	650/1300	NOT AVAIL	NOT AVAILABLE
7	YM4201	400	H	12.36	650/1300	NOT AVAIL	YM4478 PINION; YM3942 GEARBOX
8	YM4202	400	V	8.45	650/1300	NOT AVAIL	NOT AVAILABLE
9	YM4203	400	H	4.15	400/1100	NOT AVAIL	YM4316 COMBO
10	YM4204	400	HV	3.4 1.74	400/1100	YM4204004 PINION; YM4204006 GEARBOX	NOT APPLICABLE
F11	YM4205	400	H	2.59	400/1100	NOT AVAIL	YM3936 PINION
F12	YM4206	400	V	2.33	400/1100	NOT AVAIL	NOT AVAILABLE
F13	YM4207	350	H	1.48	400/1100	NOT AVAIL	YM4311 COMBO
F14	YM4208	350	V	1.39	400/1100	YM4208001	NOT AVAILABLE
F15	YM4209	350	H	1.13	400/1100	NOT AVAIL	SS0000 PINION
F16	YM4210	350	V	1.09	400/1100	YM4210001	NOT APPLICABLE

* NOT AVAILABLE

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EQUIPMENT

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- FEATURES:
- STANDS HAVE ROLL CHANGE SLEDS WITH ADJUSTABLE PASSLINE
 - SUND HYDRAULIC TYING AND STRAPPING MACHINES
- (AVAILABLE SEPARATELY)
 - CONVERSION OF VERTICAL STANDS TO HORIZONTAL REQUIRES MODIFICATIONS OF VARIOUS CLAMP AND ROLL EXTRACTION BRACKETS, NEW STAND BASES NEED TO BE MADE, AND VARIOUS OTHER MODIFICATIONS

PINION/GEARBOXES FOR USE WITH VERTICAL STANDS WHICH ARE CONVERTED TO HORIZONTAL STANDS (AVAILABLE SEPARATELY)

R1	NOT AVAILABLE
R4	YM4830
6	YM4829
8	YM4479
F12	YM3924
F14	SS0001 PINION
F16	YM4043 – GEARBOX; YM4093 – PINION

NOTE: REHEAT FURNACE, MOTORS, VARIOUS PINION STANDS/GEARBOXES, COOLING BED, ROUGHING AND INTERMEDIATE CROPPING SHEAR ARE NOT AVAILABLE.

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