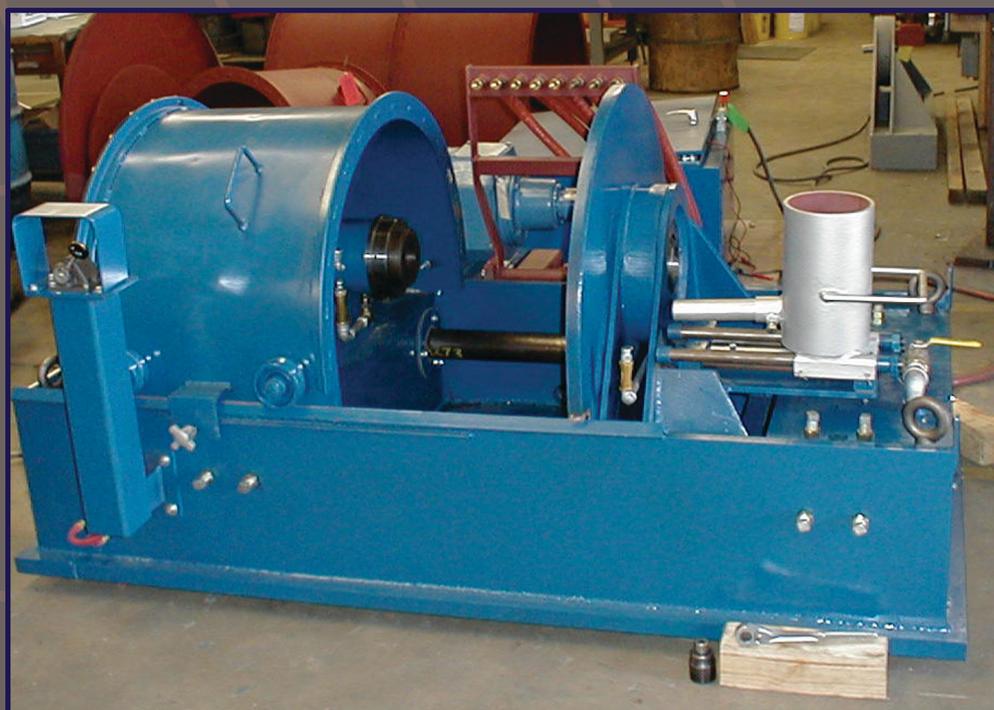


# MODEL "AM/CM/DM" HORIZONTAL CENTRIFUGAL CASTING MACHINE



**Centrifugal Casting Machine Company, Inc.**

The world leader in centrifugal casting and permanent mold technology

[www.centrifugalcastingmachineco.com](http://www.centrifugalcastingmachineco.com)

These horizontal centrifugal casting machines are used to produce a variety of cylindrical shaped castings. The machine utilizes two face plates. The face plates have hole patterns accurately drilled so that three round centering bosses of the proper diameter can be screwed into the proper holes. The diameter is determined so that the outside diameter of the casting mold will be aligned by the three centering bosses.

For higher production castings, the mold end plates can be physically attached to the face plates eliminating end plate removal from the mold. The idler face moves over a distance of four inches to clamp and unclamp the casting mold.

### Advantages:

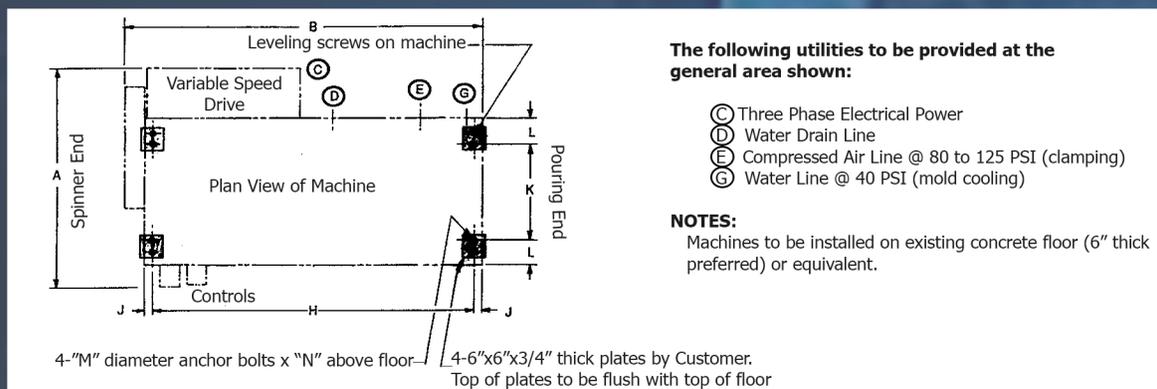
- Each size of machine can accommodate a range of sizes of mold diameters and lengths.
- 100% yield since all the metal poured makes the casting - no gates or risers to cut.
- Smooth, clean castings with superior metallurgical structure.
- Uniform wall thickness requires less machining allowances.
- No cores required.
- No special foundations required.
- Noise levels below OSHA standards.

Machine Model (1)	Min Mold Diameter	Max Mold Diameter	Max Mold Length	Minimum Mold Length	Drive HP
AM-12-16	5"	12"	16"	3"	7-1/2
CM-20-26	5"	20"	26"	6"	10
DM-30-36	5"	30"	36"	6"	15

Model	Clear Dims		Cond Size	Line Sizes (Pipe)				Anchor Bolt Spacing				Anchor Bolt	Weight	Floor Space	Air CFM	Water GPM	Conn HP	Conn KW	
	A	B	C	D	E	F	G	H	J	K	L	M		N	See E Below	See G Below	30		
AM-12-16	66"	81"	3/4"	2"	1"	3/4"	1"	73	2"	23"	6"	3/4"	2-1/2"	5100#	38 sq ft	5	40	7-1/2	5.63
CM-20-26	66"	96"	3/4"	2"	1"	3/4"	1"	82	2"	23"	6"	3/4"	2-1/2"	5560#	44 sq ft	5	65	10	7.5
DM-30-36	77"	110"	3/4"	2"	1"	3/4"	1"	96	2"	32"	8"	1"	3"	8320#	59 sq ft	5	90	15	11.25

(1) Available for any voltage, 3-phase, 50/60 Hertz.





### **Standard Equipment**

- Jet nozzle water cooling system**
- Tachometer for spindle speed**
- Pouring funnel**
- Removeable face plates**
- Motor starter with start-stop push buttons**
- Air filter and pressure regulator**
- TEFC AC polyphase motor**
- Pneumatically operated clamping**
- Infrared temperature control system**

### **Utility Requirements**

- Electric power plant voltage, 3-phase, 50/60 Hertz**
- Water Pressure available at 40 PSI minimum.**
- Compressed air at 80 PSI minimum for pneumatic clamping.**



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