

### Moulds



Pipe Mould



Manhole/Cone Mould



Box Mould

### Accessories



Pallet (Pipe)



Set Rings (Pipe)



Pallet & Header (Box / U Drain)

### Pipe Lifting & Turning Yokes

Lifting & Turning Yokes allows to lift, transport and tilt cured concrete pipes.

**Model : LT-1400**

Outer pipe diameter : 700mm to 2500mm  
Max. pipe weight : 14 Ton

**Model : LT-2500**

Outer pipe diameter : 1400mm to 4216mm  
Max. pipe weight : 25 Ton



We provide form work solutions through our family of companies "Afinitas" (HawkeyePedershaab-USA). Afinitas has unmatched depth of expertise to produce precision engineered form work solutions suitable for both Wetcast and Drycast concrete.

- With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice.
- Accessories shown here are optional and not the part of standard supply.

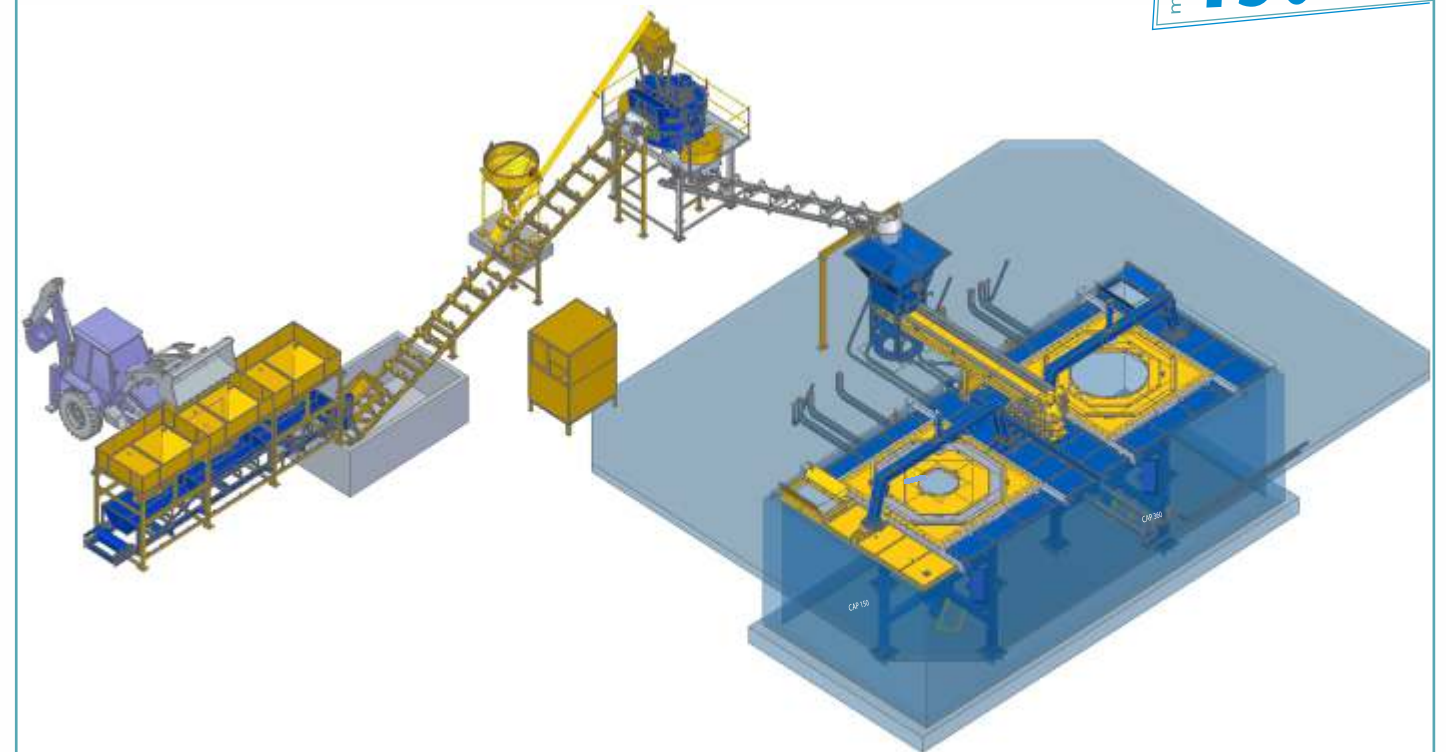
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## Guaranteed Solutions for Manufacturing Concrete Pipes, Manholes, Box Culverts & U Drains

more than **150** Installations across India



Typical Plant Layout

AHCT offers equipment from the world's leading concrete pipe machine manufacturers, HawkeyePedershaab and BFS, providing concrete pipe making machines that offer versatility, high output, automation and, of course, top quality.

Precast Pipe Making Machinery (CAP Series)





## Apollo HawkeyePedershaab Concrete Pipe Making Machines: CAP 150, CAP 200, CAP 250 & CAP 360

CAP series machines from Apollo HawkeyePedershaab are dry cast machine for manufacturing almost any type of high quality concrete products:

- ◆ Reinforced and non-reinforced pipes
- ◆ Circular and non-circular pipes with a “bell” or in-wall joint
- ◆ Lined pipe with PE, HDPE, PVC or GRP
- ◆ Jacking pipes
- ◆ Box culverts
- ◆ U Drains
- ◆ Manhole risers
- ◆ Cones

### Single and Twin Station Capability

A second production station can be installed initially or added in the future. Second station permits two different product sizes to be produced at-a-time and virtually doubles machine output.

### Standard Features (in CAP 150/200)

- ◆ Compaction by synchronized core vibration
- ◆ Frequency controlled vibration speed
- ◆ Concrete feeding by radial feeder with rotating chute
- ◆ Hydraulic pressing/rocking function
- ◆ Demoulding by overhead crane
- ◆ Powered pivot for press arm and concrete feeder
- ◆ Stationary Panel with PLC control system and digital display.

### Optional Features

- The CAP machines can be supplied with a number of add-on features to make operations and handling even easier and improve production in general. These include:
- ◆ Top ring (header) system
  - ◆ Lifting hole equipment
  - ◆ Pneumatic equipment for casting of lined pipe
  - ◆ Pneumatic pallet locking
  - ◆ Double casting stations
  - ◆ 3 Meter length
  - ◆ Quick relocated platform / pit cover
  - ◆ Direct cast-in pin holes for step holes or inserts



CAP 150/200

Dimensions (mm)			
Model	Circular Pipes	Box Culverts/ Manhole Cones	Max Product Length
CAP 150	300-1500	300-1200	2500
CAP 200	300-2000	300-1500	2500
CAP 250	300-2500	300-2000	2500
CAP 360	600-3600	600-3000	2500

### Standard Features (in CAP 250/360)

- ◆ Electrically driven, synchronized VIHY core vibration system with oil-lubricated bearings.
- ◆ Frequency controlled vibrator speeds.
- ◆ Concrete feeder with belt distributor for direct filling.
- ◆ Hydraulically operated pressing/rocking device for forming spigots, with mechanical pipe length control.
- ◆ Hydraulic power pack to drive the pressing/rocking device and any given hydraulic features on the machine.
- ◆ Mechanical elevation system to accommodate different product lengths.
- ◆ Stationary Panel with PLC control system and digital display.
- ◆ Pit cover plates incl. stairway to the pit for easy access to the machine and the mould.
- ◆ Laser fine filling control with concrete distribution belt
- ◆ Safety system for compliance with EU standard requirements.

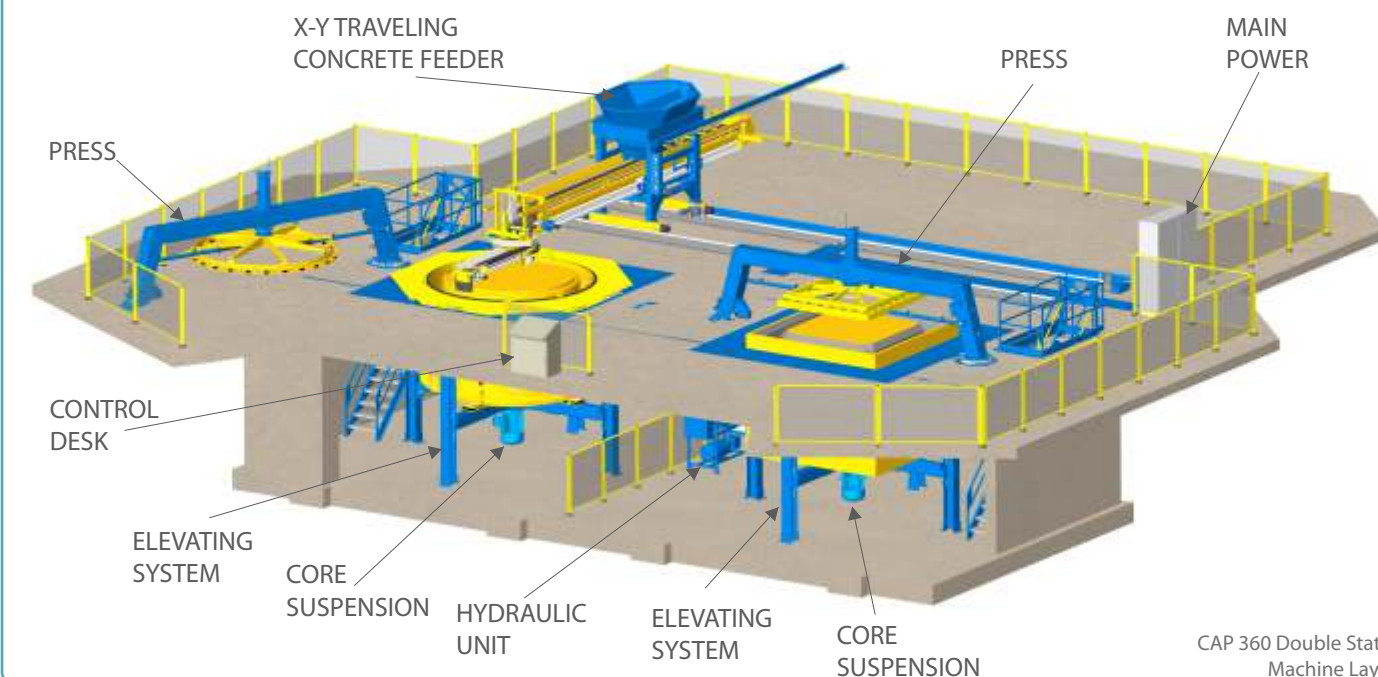
## Vertical vibrated casting technology



**Apollo** **HawkeyePedershaab**  
Concrete Technologies Worldwide™



CAP 250/360



CAP 360 Double Station  
Machine Layout

Diameter mm	Production Capability			
	Reinforced pipe Length=2500mm Pipe/hour	Manhole riser Height=1200mm Units/hour	Manhole riser Height=600mm Units/hour	Box Culverts/U Drains Length=2000mm Units/hour
300	7	-	-	4
600	7	11	16	4
900	7	9	16	3.5
1200	5	8	14	3
1500	4.5	7	12	2.5
1800	4	6.5	10	2.2
2000	3.5	5.5	8	1.9
2500	2.5	4	5	1.5
3000	1.4	2	3	1.2
3600	0.9	1.5	2	-

The production capabilities are theoretically calculated and may vary depending on the concrete mix, crane speed and machine operation.