

Concrete Pipe Making Machines : CAP 150, CAP 200

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
- 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 (CAP 150/200)

- Compaction by synchronized core vibration
- Frequency controlled vibration speed
- Concrete feeding by radial horizontal feeder
- Hydraulic pressing/rocking function
- Demoulding by overhead crane

Vertical Vibrated Casting Technology



PRODUCTION CAPABILITY

| Diameter mm | Reinforced pipe Length=2500mm Pipe/hour | Manhole riser Height=1200mm Units/hour | Manhole riser Height=600mm Units/hour | Box Culverts Length=2000mm Units/hour |
|-------------|---|--|---|---|
| 300 | 7 | - | - | 4 |
| 600 | 8 | 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 |

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 |

Optional Features (CAP 150/200)

The CAP 150/200 can be supplied with a number of add-on features to make operations and handling even easier and improve production in general.

These include:

- Powered pivot for press arm and concrete feeder
- Stationary control panel
- Lifting hole equipment
- Pneumatic equipment for casting of lined pipe
- Elevating system
- Cooling system for the vibrator
- Double casting stations
- 3 Meter length
- Quick relocated platform / pit cover

