

VIHY® Multicast XL SC 360

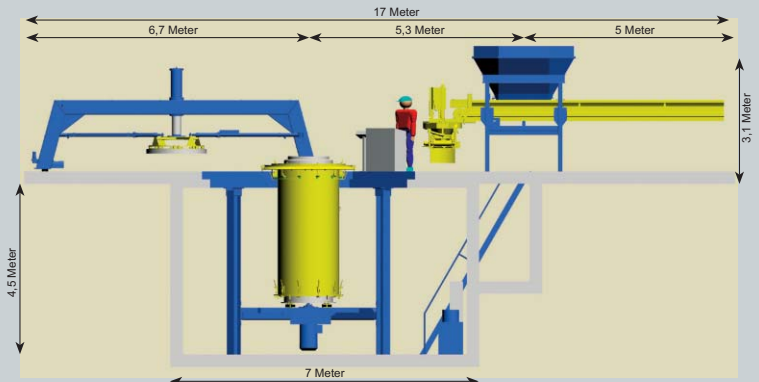


Versatile production of largebox culverts and circular pipe up to 3600 mm (144") in diameter

- Versatile production of concrete pipe for open trench, jacking and with inner lining
- Dimensions range from 300 to 3600 mm (12"-144") in diameter for circular units
- Dimensions up to 2500 x 2500 mm (8' x 8') for square units
- Effective lengths up to 5 meters (16')
- Dry-cast and wet-cast
- Falcon Control

RELIABLE SOLUTIONS FOR
VERSATILE MANUFACTURE
OF DRYCAST PRODUCTS

Hawkeye Pedershaab
Concrete Technologies Worldwide™



The VIHY[®] Multicast XL SC 360 is a semi-automatic machine for the production of very large high quality concrete pipe and box culverts, including:

- Reinforced and non-reinforced pipe
- Circular and non-circular pipe with a "bell" or in-wall joint
- Jacking pipe
- Box culverts
- PE-lined and PVC-lined pipe

The VIHY[®] Multicast XL SC 360 offers a choice between dry-cast and wet-cast concrete production, thus ensuring that all requirements are met.

Capacity

The VIHY[®] Multicast XL SC 360 can manufacture up to 8 units/hour, depending on the kind of product being produced and on local conditions. The table below shows output rates and can be used as a general guideline.

Dimensions

Dimensions range from 300 to 3600 mm (12"-144") in diameter for circular pipe and up to 2500 x 2500 mm (8' x 8') for square units. Accommodates product lengths up to 5 meters (16'). All pipe and manhole systems can be manufactured with an inner lining of PVC, PE or GPR with special mold attachments.

Operation

The VIHY[®] Multicast XL SC 360 is operated automatically with manual mold change and mainly crane based removal and transportation of the finished pipe. A maximum production capacity can easily be ensured by just 1 machine

operator in smaller product dimensions and an additional assistants in case of pipe larger than Ø1000 mm(42"). The machine offers the possibility of extending production or making it more flexible with two casting stations. One of these can be used, for example, for wet-casting in cassette molds. This allows the machine to be supplied with either central core vibration, table vibration or a combination of both principles.

Optional Features

The VIHY[®] Multicast XL SC 360 can be supplied with a number of add-on features to make operation and handling even easier and to improve production in general. These include:

- Hydraulic locking device for core and mold
- Software for profile control of distributor belt
- Hydraulically driven core vibrator speed and reversible direction of rotation
- Hydraulically driven vibration table VB40 and VB50
- Falcon report
- Tele=service module
- Demolding cylinders
- Level indicator for silo (automatic ordering of concrete)
- Silo vibrator
- R4 headers
- Top ring system
- Lifting hole equipment
- Reinforcement centering
- Pneumatic equipment for casting of lined pipe
- Double casting stations

Dimension mm/inch	VIHY [®] Multicast XL SC 360	
	Dry-cast - socket and spigot pipe central core vibration Length = 2500 mm (8') units/hour	Dry-cast - straight pipe central core vibration Length = 2500 mm (8') units/hour
600 (24")	7	-
1200 (48")	4.5	-
1500 (60")	3.8	-
1800 (72")	-	3.5
2400 (96")	-	2.0
3000 (120")	-	1.4
3600 (144")	-	0.9