BOX CULVERTS,

LARGE PIPES & TANKS

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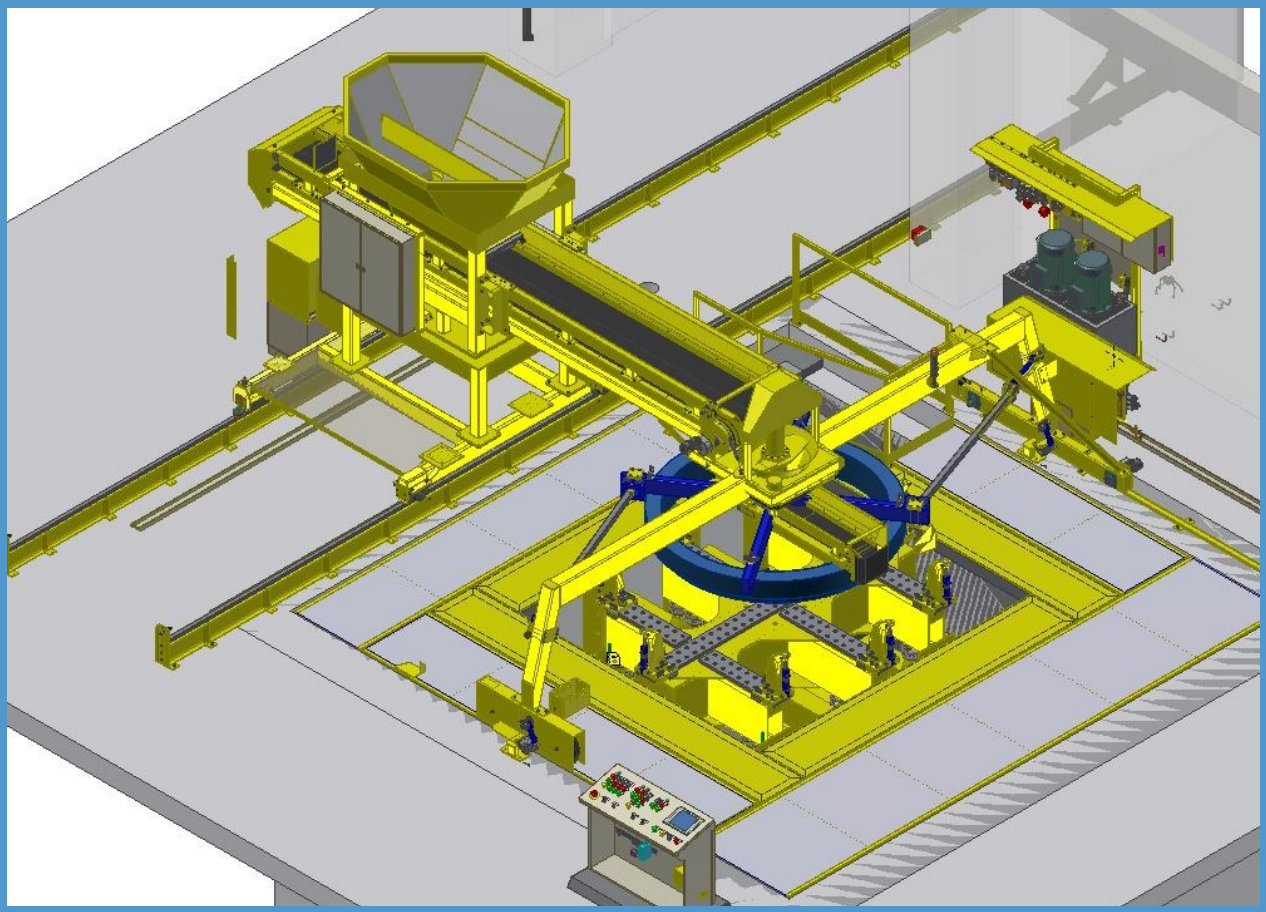

Precast Production Systems to fit your needs!

Teksam VUBX 4000 Production Station

System Features & Benefits

Only one operator is required at the machine - *Reduced manhours per piece means cost savings every day.*

System Flexibility – designed to fit your plant

System Productivity – can be sized for a wide variety of production goals and automation packages.

Built of standardized modules to simplify supply and availability of wear and spare parts

Adjustable height position of the Vibration unit

All functions are hydraulically driven

Teksam vibration technology with variable frequency and amplitude for each product. - *Our superior vibration system produces a denser, more uniformly consolidated product. This allows for production of non-reinforced and thin wall products.*

PLC Control System programmable for up to 99 different products - *Consistency in product quality and the flexibility to add different products.*

Products with integral bases can be produced with turnover molds utilizing hydraulic turning device.

Vibration table utilizes springs and air bags to prevent transfer of energy to the building—*it stays in the concrete!*

Box Culverts, Large Pipes & Tanks

Teksam production stations are available for production of a variety of large precast elements including box culverts, large pipes, and large tanks or vaults. With the VUBX vibration table, the products produced can be round, square, rectangular, or other shapes with complex elements such as baffles for maximum product versatility and flexibility.

The concrete hopper and feed conveyor are mounted on rails to allow lateral movement for filling various geometries. The concrete feed conveyor itself is designed to evenly distribute concrete into the product walls regardless of shape by means of PLC control. Once the product parameters are determined for each product, the coordinates are stored by size for the future; so all the operator has to do is call up the program for the product and start the machine.

Teksam also supplies molds for these products. Joint designs can be either tongue and groove or gasketed. The newest designs in precast concrete box culverts are featuring gasketed joints with a single offset design according to ASTM C1677 Standard Specification for Joints for Concrete Box, using Rubber Gaskets.

Production Stations' Size Ranges

Monolithic Box Culverts
4.2 x 4.2 x 2.5 meters in height
(14 x 14 x 8 ft)

Round Pipes
3.6ø x 2.5 meters in height
(12 x 8 ft)

Non-Symmetrical Tanks/Special Structures
5 x 3 x 2.5 meters tall
(16 x 10 x 8 ft)

More than 35 years of experience.

Teksam designs and builds high-performance equipment for the dry-cast concrete industry. Founded in Denmark 1979 we have supplied equipment for the concrete industry for more than 35 years. Our innovative systems and commitment to customer service have made us the first choice for companies globally.

For more information please go to **www.teksam.com**

Or find us online YouTube

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