



ADJUSTABLE BOX CULVERT EQUIPMENT

FLEXIBLE. EFFICIENT.
BUILT TO GROW WITH YOU.



EQUIPMENT CONFIGURATIONS TO FIT YOUR MARKET

Besser Adjustable Box Culvert Equipment sets the industry standard for flexibility, safety, and production volume.

Whether you're new to precast concrete or an established producer, our adjustable systems help you expand capabilities, improve efficiency, and meet changing market demands with confidence. A range of equipment and components is available to match your production goals and market requirements. Together, they form a flexible, scalable system that grows with your business.

TYPICAL DIMENSIONS: WET CAST EQUIPMENT

BASIC SIZE	TYPICAL MAX.	MIN. WALL	MAX. WALL	ADJ. HAUNCH	8" HAUNCH	12" HAUNCH	4' LAY LENGTH	6' LAY LENGTH	8' LAY LENGTH
4'x3'	8'x8'	6"	8"		X			X	X
6'x3'	12'x12'	8"	12"	X*		X	X	X	X
9'x4'	12'x12'	8"	12"	X*		X	X	X	X
9'x4'	20'x12'	8"	12"	X*		X	X	X	X
METRIC									
1m x 1m	4.5m x 4.5m	300mm	350mm	X*	300 mm**	350 mm**		2m	2.5m

TYPICAL DIMENSIONS: DRY CAST EQUIPMENT

BASIC SIZE	TYPICAL MAX.	MIN. WALL	MAX. WALL	ADJ. HAUNCH	8" HAUNCH	12" HAUNCH	4' LAY LENGTH	6' LAY LENGTH	8' LAY LENGTH
3'x2'	8'x8'	6"	8"		X			X	X
4'x2'	8'x8'	6"	8"	X*	X			X	X
4'x3'	8'x8'	6"	8"	X*	X			X	X
6'x3'	12'x12'	8"	12"	X*		X	X	X	X
9'x4'	12'x12'	8"	12"	X*		X	X	X	X
9'x4'	20'x12'	8"	12"	X*		X	X	X	X
METRIC									
1m x 1m	4.5m x 4.5m	300mm	350mm	X*	300 mm**	350 mm**		2m	2.5m

*Available with purchase of adjustable haunch add-on.

**The non-adjustable standard metric haunch is 300mm. The adjustable standard metric is 350mm with the ability to add a haunch adapter.



A typical example of a rise adjustable form and solid cores for dry cast egg laying.



Besser manufactures several variations of adjustable box culvert mold equipment. The wet cast mold construction shown here is similar to static cast or egg lay mold construction.



Besser adjustable pallet assemblies 4' x 2' through 8' x 8' for rubber gasket joints.

ADJUSTABLE BOX CULVERT FORM EQUIPMENT

DISCOVER THE BESSER DIFFERENCE

DESIGNED FOR EFFICIENT, HIGH-VOLUME PRODUCTION

Precasters around the world trust Besser for our innovative, proven design of adjustable box culvert equipment, it's engineered to:

- Enable fast changeovers
- Reduce labor requirements
- Deliver a safe, streamlined production cycle
- Support consistent, high-quality results

Every detail is focused on efficiency—from setup to stripping—so you can produce more with less downtime.

STANDARD HAUNCHES WITH OPTIONAL ADAPTABILITY

Each equipment series includes:

- 8" haunch for culverts up to 8' x 8'
- 12" haunch for culverts up to 12' x 12'

Metric:

- 300mm haunch for culverts up to 2.5m x 2.5m)
- 350mm haunch for culverts up to 4.5m x 4.5m)

Optional haunch adapters are available to reduce haunch size when required.

ADJUSTABLE JACKET: BUILT FOR VERSATILITY

The adjustable jacket features fixed corners with bolt-on expansion panels, allowing you to produce a wide range of box culvert sizes.

- Expansion panels available in 1' – 6' (0.3m – 1.8m) widths
- Produces multiple spans to meet varying project needs
- Interchangeable wall spacers simplify changes in wall thickness

This modular design lets you respond quickly to customer demand without investing in multiple dedicated forms.

ADJUSTABLE PALLET: BUILT FOR VERSATILITY

Along with the jacket and core, each equipment series includes:

- Adjustable pallet sets
- Adjustable header sets
- Compatible with rubber gasket and tongue-and-groove joint designs

All equipment configurations are available for egg-lay, form-strip, and wet-cast production methods.

ADJUSTABLE CORE OPTIONS FOR DRY CAST AND WET CAST

Besser offers core designs to match your preferred production method:

Dry Cast Core

- Four fixed corners
- Built for strength, precision, and durability

Wet Cast Core

- Two fixed corners and two hydraulically collapsible corners
- Allows for easy and safe stripping

Both core types include bolt-on expansion panels 1' – 6' (0.3m – 1.8m widths) to accommodate a wide range of rise and span configurations.

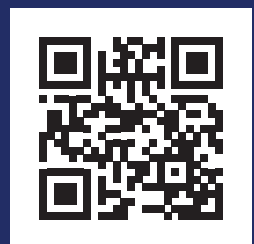


YOU'VE GOT US FOR LIFE

When you choose Besser, you're choosing more than box culvert equipment—you're choosing a partner for life. From initial planning and installation to training, parts, and ongoing technical support, Besser stands with you every step of the way.

Our experienced team is committed to helping you run safely, efficiently, and profitably. As your operation grows and your market evolves, you can count on Besser to provide the expertise, service, and support you need—today and for the long haul.

With Besser, you've got us for life.



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