



ERMC

828 4th Street
Elk River, MN 55330
Phone (763) 441-1581
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Precast Box Culvert Equipment

ERMC offers the most comprehensive array of box culvert equipment available today. Compliments include complete dry cast set ups, wet cast, multi-cell and even a selection of joint lengths and configurations. The combinations are virtually endless and include forms adjustable in span and rise, as well as in extended dimensions beyond 12' X 12'

Dry Cast

Expandable in span and rise from

4' X 3' thru 8' X 8'

or

6' x 3' thru 12' x 12'

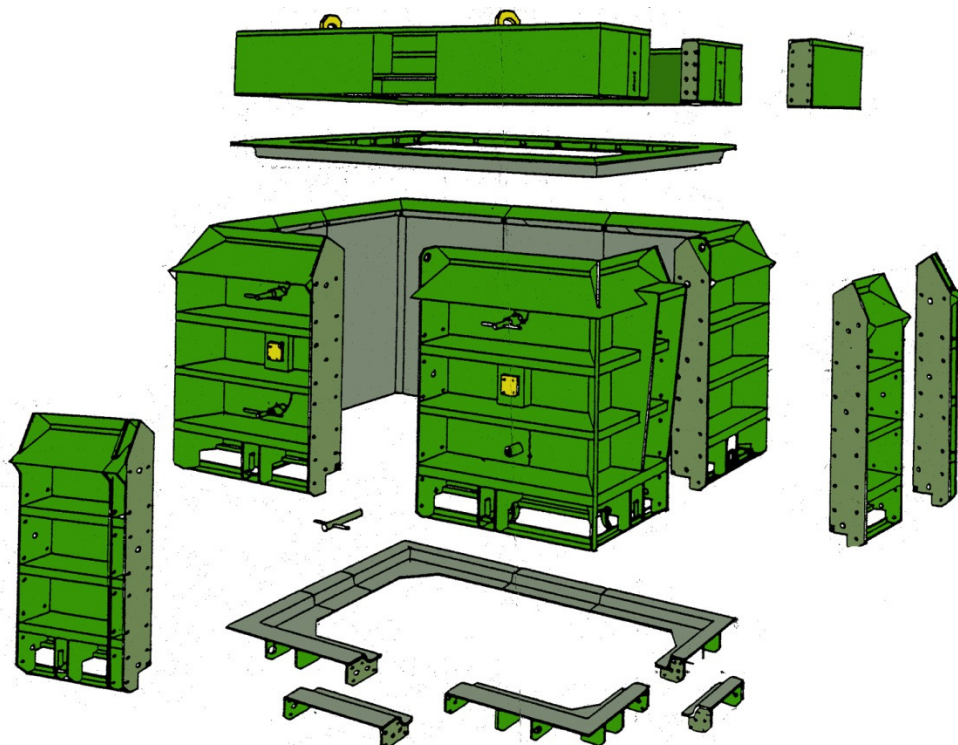


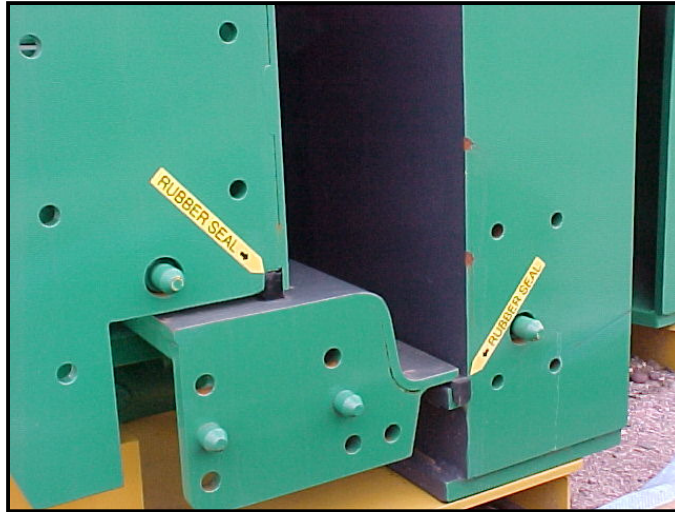
Illustration is for concept only and may not represent actual geometries

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Typical dry cast expandable form arrangement

While the core is fixed to the mounting star, the tongue forming pallet is supported by the core and maintains a tight seal by compressing the core sealing gasket. The jacket rests on the pallet compressing the jacket sealing gasket to prevent leakage. Pallet latches are used for transport to the curing area.



“Latch Express” air operated pallet latch. All pallet latches are released and engaged in unison

ERMC manual pallet latch. Ergonomically designed for ease of operation



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Dry Cast

Dry cast box culvert form with 8' joint length
expandable from 9' X 4' thru 12' X 12'



Dry cast box culvert form with 6'
joint length expandable from 4' X
2' thru 8' X 8'

Wet Cast

ERMC wet cast forms rest on the tongue forming pallet in the assembled condition. The form compliment is expandable in span and rise similar to dry-cast geometries



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Mega-Box

Mega box combinations are virtually limitless and produce wet cast box culverts in dimensions outside the normal 4' X 2' Thru 12' X 12' range. Photos below illustrate single-cell, and double-cell Mega-Box installations



Single cell box and double cell mega-box installed in concert



15' X 15' Double cell Mega-Box production and installation