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QVW-Series Roll Forming Machines

Based on the original W-Style design for tube and metal forming applications, the Yoder QVW-Series has become the standard rafted machine for the roll forming industry. This design enables fast tooling changeover for those customers that want one machine to run multiple products with minimal downtime. Recent improvements in gear-reducer design now features variable gear ratios, so manufacturers can adapt their QVW machine's capabilities for future product needs.

The versatility of the rafted design makes the QVW-Series roll former applicable for short run and just-in-time manufacturing to a range of industries, including automotive, construction, office furniture, tubing, transportation, mechanical components, light fixtures & contract manufacturing, to name a few.

Model	Maximum Material Thickness*
QVW-150	0.078" (2.0mm)
QVW-200	0.108" (2.7mm)
QVW-250	0.140" (3.5mm)
QVW-300	0.196" (5.0mm)
	*Based on 40,000 psi yield, mild steel

STANDARD ACCESSORIES

Entry Table
Straightener Table
Coolant System & Piping
100 FPM Fixed or Variable Speed Drives
Single or Double Output Gear Reducers
Split or Single Machine Base

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The QVW-Series Roll Forming Machine Features, Include:

Quality

- Timken tapered roller bearings in inboard stand.
- Alloy steel roll spindles, carburized, hardened and ground.
- Hardened and ground outboard spindle sleeves run in roller bearings.
- Gears enclosed in oil-tight housings.
- Heavy welded base and semi-steel roll stand housings.

Value

- Micrometer screw adjustment for accurate, repeatable top spindle settings.
- Precision alignment of spindle shoulders.
- Top and bottom spindles are driven through universal shafts from individual gear reducers.
- Easily replaceable and interchangeable standardized parts.
- Accepts existing tooling within parameters of machine.
- Flexibility to roll form various parts.

Fast Changeover

- Quick-disconnect universal shafts to facilitate fast raft removal.
- Ease of maintenance and tooling changeover increases production time and improves personnel utilization.
- Self-aligning removable rafts for fast, accurate changeover.
- "Easy-on" groove on the front end of each shaft makes roll changeovers quick and simple.

APPLICATION SPECIFIC ACCESSORIES

Idler Roll Forming Stands
Special Tooling Fixtures & Guides
Shaft Diameter Options
Roll Space Options
High-Speed, up to 600 FPM
Interchangeable and Variable Gearing Ratios