



Single Direction Wire Mesh Bender



Accurate and Repeatable Results

- 180° flexibility to handle any project
- Full range of bending capabilities

Solid Solutions for Concrete Processing Equipment

In addition to our comprehensive selection of pipe and precast concrete product production and automated handling equipment, Afinitas now brings you trusted mesh processing equipment that provides the highest value for your concrete production needs.

Our selection includes:

- Hydra-Roll mesh rollers
- Mesh flatteners
- Precision automated mesh rollers
- Pipe mesh cage expanders
- Single direction mesh benders
- Double direction mesh benders

Ultimate value

As your single source provider for pipe and precast concrete equipment, we offer a partnership approach to doing business. Our level of service means we work with you throughout the life of your equipment to ensure you operate at the highest levels of productivity to produce top-quality products better and safer.



Hydra-Roll Mesh Rollers



Mesh Benders



Wire Cage Expanders



Need Help?
Contact our Team:

Technical Service
Phone: 319-394-2270
hawkeyetech@afinitas.com

Parts
Phone: 319-394-2240
hawkeyeparts@afinitas.com

Single Direction Mesh Benders

Bend with the best

Operational Features and Benefits:

- Standard units are designed to bend up to D-12.0 on 2" centers for the entire width of the machine.
- Heavy-duty models are designed and built to bend D-21 on 2" centers or D-32 on 4" centers; 180° for a full 30'.
- Bending anvils may be placed individually for variable spaced mesh (radii available from 3/4" to 3").
- Single direction benders are furnished with anvils on 4" spacing (anvils larger than 2.5" and / or additional anvils may be ordered separately).
- Structure, power unit, hydraulic cylinder size and placement design provide accurate and consistent bending.
- Strategically placed hydraulic hoses help prevent misuse and abuse.
- Choice of widths:
 - Single direction benders start at 8' and are available in various lengths
 - Single direction 180° benders start at 10', 20', and 30'
- Forklift pockets for easy transport.



Single direction 180°, 20' bender



Technical Capabilities

The Single Direction Benders are equipped with individual bending anvils adjustable to bend variable-spaced mesh. The typical anvil radius furnished with the bender is 3/4", however, other radii may be furnished by request up to 2.5". Anvils are furnished at 4" spacing.

They are convertible to bend mesh to a full 180°. The structure, power unit, hydraulic cylinder size and placement are designed and built to give accurate and consistent bending.

They have been designed and built to bend D-32 (5/8" WWR) on 4" centers for a full thirty feet or D(W)21 on 2" centers, for a final bend of 180°. Standard sizes - 10'-0", 20'-0" and 30'-0".



Single Direction 180°, 10' benders



Single Direction 90°, 8' bender

Go From Two Benders to One

With only a slight change-over effort, the single direction 90° bender can be converted to 180° capability. Minimum mesh lead remains at 6" for 90° bends and approximately 14" lead for a full 180° operation. Convertible bender widths remain virtually unlimited with 8' minimum.

Individual bending anvils are mounted in a machined slot, adjustable for variable mesh spacing.

The bending arm is easily adjustable for bends up to a full 180° by simply sliding the plates. Fine adjustments are made by bolted holes located on a radius for variable mesh lead lengths.

Convertible benders include our typical heavy construction with hydraulic cylinders sized and placed appropriately for the bending operation, and mesh size up to D21(1/2") on 2" spacing or D32 (5/8") on 4" centers.



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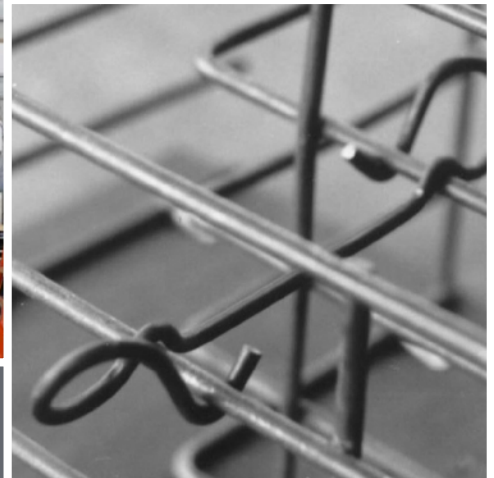


Single Direction Wire Mesh Bender

Equipment & Automation



Concrete Accessories



Forming Systems



Intelligent Infrastructure Solutions
Visit www.afinitas.com to learn more.

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Intelligent Infrastructure Solutions

Afinitas is a global, comprehensive and customer-oriented equipment, automation, forming and accessories platform for precast concrete and infrastructural products.

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