

FORMA Z UP/DOWN



FORMA Z up/down Folding:

- # Un-matched Flexibility
- # Safe and Superior Ergonomics
- # Easy to Operate

SHEET METAL MACHINERY FOR LIFE

CIDAN
MACHINERY



"Our main target was to create a Full Package machine with all the 8 necessary features an industrial folding machine should possess. One of a unique kind."

Stefan Frid, Head of Product Development at CIDAN Machinery

1. Up/Down folding. Safely and ergonomically forming large parts with up/down bends. Eliminate flipping.

2. Multifold. Segmented tooling for maximum flexibility with forming reverse flanges.

3. Automatic Height Adjustable Backgauge. Multi-axis backgauge creates the most flexible machine while maintaining advantages of bi-directional forming.

4. Vacuum Grippers. Added automation with auto load, part advancing and unloading.



UP/DOWN FOLDER



5. Combi beam. Automatically rotating upper beam for maximizing tool set-ups. This unique geometry maximizes work space around tools!

6. Dual sets of segmented tools. Complex parts, or a number of different parts can be folded without tool changes!

7. Front gauging capabilities. Gauging on the back gauge, or gauging against the folding beam. Gives you application flexibility with non-parallel bending.

8. Automatic tool locking. Quickly and safely change tool set-ups.

"By combining these eight features in one machine, we have listened to our customers to create a complete and flexible folding machine for the future of sheet metal shops !"

SPECIFICATIONS FORMA Z



- The Combi upper beam is fitted with 30° straight rail and 203 mm (8") High Divided Tools (HDT)
- The straight rail can be interchanged with a 102 mm (4") HDT
- As standard, the machine is delivered in Multifold execution, i.e. folding beam and lower beam have segmented tooling
- The folding beam is delivered with either 8 mm (.3"), 15 mm (.6") or 25 mm (.98") segmented tools
- The machine comes with complete safety laser system, i.e. scanner on folding beam side, light curtain on both folding and gauging side
- Operation from gauging side is standard, and folding side operation is an option for added application flexibility
- For semi-automation the back gauge can also be delivered with vacuum grippers; and/or with height adjustment. Minimum gauging is 6 mm (.24") for spring steel fingers
- Robotic interface for fully automatic operation also available



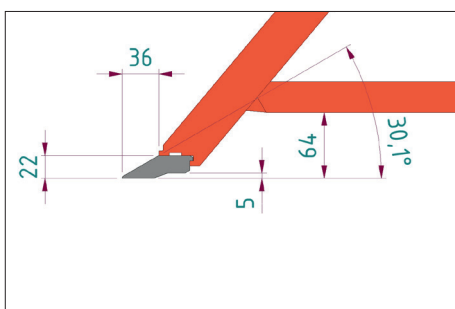
Folding beam in downward bend position



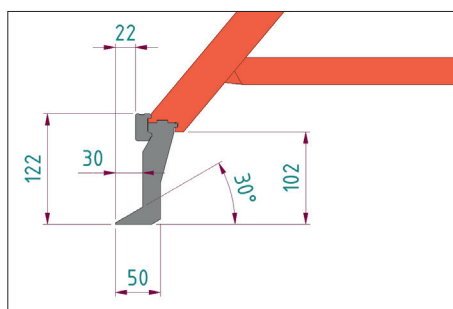
ProLink W with 21.5" widescreen



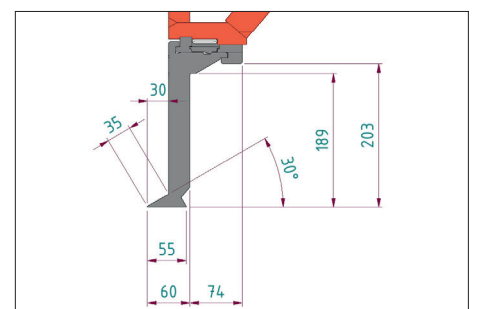
Vacuum grip for semi-automation



Straight rail 30°



Optional high divided tool 102mm (4") in lieu of straight rail



High divided tools 203 mm (8")

Model	Folding length	Folding capacity			Opening height	Outer dimensions****	Weight	Motor	
		Steel* mm (ga)	Stainless steel** mm (ga)	Aluminium*** mm (")				Clamping beam mm (")	Length x depth x height mm (")
FORMA Z 30	3200 (126)	3.0 (11)	2.0 (14)	4.5 (0.177)	210 (8.3)	4900 x 2750 x 2000 (193x108x78)	7125 (15.700)	2 x 1.1 (2 x 1.5)	2 x 4.0 (2 x 5.4)
FORMA Z 40	4100 (161)	2.0 (14)	1.4 (17)	3.5 (0.138)	210 (8.3)	5800 x 2750 x 2000 (228x108x78)	9500 (20.900)	2 x 1.1 (2 x 1.5)	2 x 4.0 (2 x 5.4)

Tensile strength *at 400 N/mm²-58000 lbf/in² (psi) - **at 600 N/mm²-87000 lbf/in² (psi) - ***at 200 N/mm²-29000 lbf/in² (psi) - ****With motorized back gauge AGS