

new

# GF 4, GF 6 (AVM/MVM)

## Pipe Cutting and Beveling Machines

The new GF series sets new standards in orbital pipe machining.

Numerous innovative functions combined with an ergonomic design create significant advantages for you in the industrial prefabrication of pipeline systems.

### Your benefits:

- Square, burr-free and deformation-free pipe end
- Cold machining process, cutting in seconds
- Simultaneous or separate cutting and beveling
- Cost-effective, increasing productivity
- Even longer tool life

### Advantages:

- Anthracite-colored coated components for improved sliding properties and protection against corrosion
- Optional feed module AVM or MVM for an automated or manual cutting process
- Locking mechanism prevents unauthorized usage and theft
- A new ergonomically-designed motor handle for a safe and comfortable operating position, which also enables easy cutting of elbows
- Integrated line laser to determine the cut off point
- 2 position clamping jaws to reduce chatter and



❖ Also available with automatic or manual feed modules AVM/MVM (not available as a retrofit)

- enable smaller length of pipe to be machined
- 1 multifunctional tool for all adjustments on the machine
- Extended speed range (65-215 rpm), ideal for the cutting of high-performance materials (Hastelloy®, P91, etc.)
- Swivel cable with a quick-disconnect coupler for easy and quick replacement of power cables
- The new chip guard protects against flying chips and comes with a measuring port (for GF 4 only)



#### Multifunctional tool.

1 tool = 6 functions:  
Vice handle, fastening clamping jaws, saw blades/bevel cutters, and quick mounting plate; anti-theft protection as well as blade adjustment with the star handle.



2 position **clamping jaws** to enable the machining of thin walled tubes.

Incl. **stainless steel clamping attachments** for protection against contact corrosion.



Integrated **line laser** to determine the cut off point.



The new **chip guard** protects against flying chips and comes with a measuring port (for GF 4 only).

## Pipe Cutting and Beveling Machines

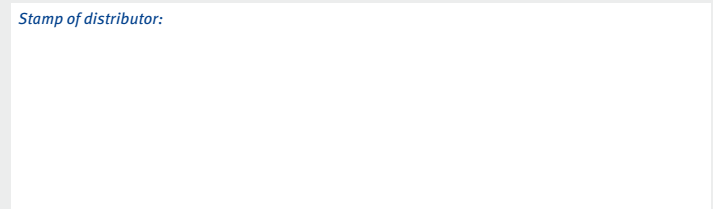
Working range		GF 4	GF 4 AVM	GF 4 MVM	GF 6	GF 6 AVM	GF 6 MVM
Code number (230 V, 50/60 Hz)		790 142 001	790 142 011	790 142 021	790 143 001	790 143 011	790 143 021
Code number (120 V, 50/60 Hz)	[Code]	790 142 002	790 142 012	790 142 022	790 143 002	790 143 012	790 143 022
OD pipes	[mm] [inch]	12 - 120 0.472 - 4.724	12 - 120 0.472 - 4.724	12 - 120 0.472 - 4.724	21.3 - 168.3 0.839 - 6.626	21.3 - 168.3 0.839 - 6.626	21.3 - 168.3 0.839 - 6.626
Wall thickness, depends on material	[mm] [inch]	1 - 9 0.039 - 0.354	1 - 9 0.039 - 0.354	1 - 9 0.039 - 0.354	1.5 - 15 0.059 - 0.591	1.5 - 15 0.059 - 0.591	1.5 - 15 0.059 - 0.591
Pipe ID min. (Saw blade Ø 63 mm)	[mm]	21	21	21	30	30	30
Pipe ID min. (Saw blade Ø 2.480 inch)	[inch]	0.827	0.827	0.827	1.181	1.181	1.181
Pipe ID min. (Saw blade Ø 68 mm)	[mm]	16	16	16	25	25	25
Pipe ID min. (Saw blade Ø 2.677 inch)	[inch]	0.630	0.630	0.630	0.984	0.984	0.984
Pipe ID min. (Saw blade Ø 80 mm)	[mm]	4	4	4	13	13	13
Pipe ID min. (Saw blade Ø 3.150 inch)	[inch]	0.157	0.157	0.157	0.512	0.512	0.512
Pipe ID min. (Saw blade Ø 100 mm)	[mm]	–	–	–	0	0	0
Pipe ID min. (Saw blade Ø 3.937 inch)	[inch]	–	–	–	0	0	0
Pipe ID min. (Saw blade Ø 110 mm)	[mm]	–	–	–	0	0	0
Pipe ID min. (Saw blade Ø 4.331 inch)	[inch]	–	–	–	0	0	0
Machine weight	[kg] [lbs]	55 121.3	64.5 142.2	60 132.3	92.7 204.4	101.7 224.2	97.8 215.6
Power	[kW]	1.8	1.8	1.8	1.8	1.8	1.8
Power AVM	[W]	–	50	–	–	50	–
Built-in electronic speed regulation with speed stabilisation	[rpm]	65 - 215	65 - 215	65 - 215	65 - 215	65 - 215	65 - 215

### Machine comes with

- 1 Pipe Cutting and Beveling Machine GF 4 or GF 6 (AVM/MVM)\*
- 1 Transportation case
- 1 Saw blade (GF 4: Code 790 042 064, GF 6: Code 790 043 018)
- 1 Set of stainless steel clamping attachments
- 1 Mounting plate
- 1 Tool set
- 1 Tube of saw blade lubricant GF TOP (Code 790 060 228)
- 1 Tube of special gear oil (Code 790 041 030)
- 1 Set of operating instructions and spare parts list

\* The automatic/manual feed module AVM/MVM is already fitted to the pipe cutter upon delivery.

Stamp of distributor:



The technical data is non-binding. It does not include any assurance of properties. Subject to change. Our general terms and conditions apply.

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