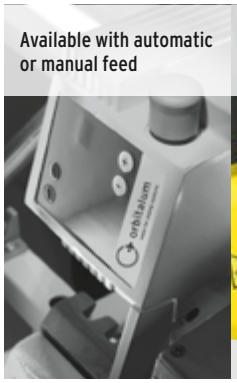
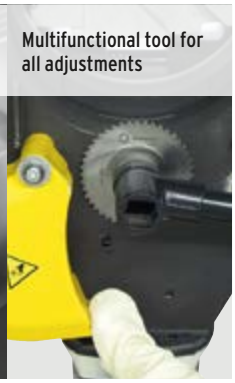
GF 4, GF 6 (AVM/MVM)

RENTAL AVAILABILITY

The GF series sets new standards in orbital pipe cutting. Ergonomic design and numerous innovative functions create significant advantages in the prefabrication of industrial pipeline systems

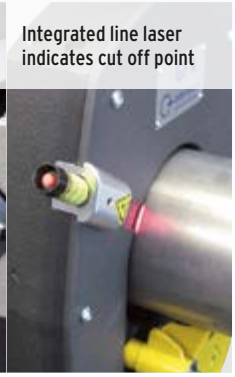


Available with automatic or manual feed



Multifunctional tool for all adjustments

Reversible clamping jaws for tube and pipes



Integrated line laser indicates cut off point

PROVEN RELIABILITY AND PRECISION

THE GF SERIES ORBITAL CUTTING MACHINES HAVE BEEN THE INDUSTRY STANDARD FOR DECADES, WITH A PROVEN HISTORY OF BEING THE MOST RELIABLE, HIGHEST PRECISION ORBITAL CUTTING SAW EVER PRODUCED.

- Safely cut stainless steel tube and pipe
- Square, burr-free cutting
- Deformation free stainless steel contact clamping system
- Orbital cutting process minimizes "cost per cut" with low cost consumable saw blades
- Non-twisting swivel cord with quick disconnect for safety, security and simple replacement
- Integrated line laser pointer to give operator exacting cut off location
- Three orbital drive systems, manual, MVM or AVM
- Locking mechanism prevents unauthorized usage or theft
- Single "Multifunction" tool for machine operation included
- Powerful motor with optimal speed range (40 – 215 rpm) for all materials
- Ergonomic twin motor handle for safe and comfortable operation
- Reversible clamping jaws maximize size range and rigidity
- Optimized blade guard protects operator while allowing cutting of short tangent fittings

GF 4, GF 6 (AVM/MVM) Tube & Pipe Saws

APPLICATION RANGE		GF 4	GF 4 AVM*	GF 4 MVM*	GF 6	GF 6 AVM*	GF 6 MVM*
Tube OD		0.472 - 4.724in (12 - 120mm)	0.472 - 4.724in (12 - 120mm)	0.472 - 4.724in (12 - 120mm)	0.839 - 6.626in (21.3 - 168.3mm)	0.839 - 6.626in (21.3 - 168.3mm)	0.839 - 6.626in (21.3 - 168.3mm)
Wall thickness** (material dependent)		0.039 - 0.354in (1 - 9mm)	0.039 - 0.354in (1 - 9mm)	0.039 - 0.354in (1 - 9mm)	0.059 - 0.591in (1.5 - 15mm)	0.059 - 0.591in (1.5 - 15mm)	0.059 - 0.591in (1.5 - 15mm)
Tube ID min. blade Ø	2.480in (63 mm)	0.827in (21mm)	0.827in (21mm)	0.827in (21mm)	1.181in (30mm)	1.181in (30mm)	1.181in (30mm)
	2.677in (68 mm)	0.630in (16mm)	0.630in (16mm)	0.630in (16mm)	0.984in (25mm)	0.984in (25mm)	0.984in (25mm)
	3.150in (80 mm)	0.157in (4mm)	0.157in (4mm)	0.157in (4mm)	0.512in (13mm)	0.512in (13mm)	0.512in (13mm)
	3.937in (100 mm)				0mm/in	0mm/in	0mm/in
Tube materials:		High-quality steel (any Cr and Mo content); high-quality stainless steel (any Cr and Mo content); high-quality steel (Cr < 12% and Mo < 2.5%; Cr < 20% and Mo = 0%): case hardened steels, high-speed steels, tempering steels, bearing steels, tool steels; black and galvanized steel pipe; general structural steel; annealed cast iron pipe (GGG); aluminum; brass; copper; plastics (PE, PP, PVDE, PVC)					

TECHNICAL DATA		GF 4	GF 4 AVM*	GF 4 MVM*	GF 6	GF 6 AVM*	GF 6 MVM*
Power		2.41hp (1.8kW)	2.54hp (1.9kW)	2.41hp (1.8kW)	2.41hp (1.8kW)	2.54hp (1.9kW)	2.41hp (1.8kW)
Cutting Speed		40 - 215rpm					
Power AVM			0.07hp (0.05kW)			0.07hp (0.05kW)	
AVM Slide housing speed			0.1 - 3.9 rpm			0.3 - 3.5 rpm	
AVM Slide housing max tq			101 Nm			353 Nm	
Protection		Class II (DIN EN 60745-1)	Class I (DIN EN 60204-1)	Class II (DIN EN 60745-1)	Class II (DIN EN 60745-1)	Class I (DIN EN 60204-1)	Class II (DIN EN 60745-1)
Noise level		79 dB (A) at workpiece approximate					
Vibration level		< 2.5 m/s² (DIN EN 28662, part 1)					
Mains Fuse Rating		16A					
Dimensions (L x W x H)		18.9 x 12.8 x 26.8in (480 x 325 x 680mm)	18.9 x 12.8 x 31.9in (480 x 325 x 810mm)	18.9 x 12.8 x 30.7in (480 x 325 x 780mm)	22.6 x 13.9 x 36.2in (574 x 352.7 x 920mm)	22.6 x 13.9 x 38.3in (574 x 352.7 x 972mm)	22.6 x 13.9 x 36.2in (574 x 352.7 x 920mm)
Machine Weight approx.***		135.1 lb (61.3 kg)	155.4 lb (70.5 kg)	146.8 lb (66.6 kg)	204.4lb (92.7kg)	224.2lb (101.7kg)	215.6lb (97.8kg)
Shipping Weight		194 lb (88 kg)	216.1 lb (98 kg)	216.1 lb (98 kg)	308.6 lb (140 kg)	337.3 lb (153 kg)	324.1 lb (147 kg)
CODE	(1-phase AC) 230 V, 50/60 Hz	0T790.142.001	0T790.142.011	0T790.142.021	0T790.143.001	0T790.143.011	0T790.143.021
	(1-phase AC) 120 V, 50/60 Hz	0T790.142.002	0T790.142.012	0T790.142.022	0T790.143.002	0T790.143.012	0T790.143.022

SCOPE OF DELIVERY	GF 4	GF 4 AVM*	GF 4 MVM*	GF 6	GF 6 AVM*	GF 6 MVM*
(1) Saw blade	0T790.042.064			0T790.043.018		

- Pipe cutting and beveling machine
- Transportation case
- Set of stainless steel clamping attachments
- Mounting plate
- Line laser with fastening screw****
- Tool set
- (1) Tube of Saw blade lubricant GF TOP (Code **0T790.060.228**)
- (1) Bottle Special gear oil (Code **0T790.041.030**)
- Operating instructions
- Spare parts list

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult our general conditions of supply.
* The automatic/manual feed module AVM/MVM is already fitted to the pipe cutter upon delivery.
**With automatic cutting process. Increased wall thickness possible with manual feed or by adding an additional cut (depending on the saw blade diameter).
*** Weight without packaging and accessories.
**** The line laser is already mounted at the GF 4 (AVM/MVM) on delivery. At the GF 6 (AVM/MVM) the line laser is supplied separately and has to be mounted on the machine prior to use.

FEED OPTIONS:

GF 4 GF 6

Standard Feed:
User manual controlled, default configuration option.

GF 4 AVM GF 6 AVM

Automatic Feed Module AVM*:
Continuously controls cutting speed using torque and parameter settings, improving handling of GF and RA machines. Stops automatically after the cutting process.

GF 4 MVM GF 6 MVM

Manual Feed Module MVM*:
Manual option, includes a hand wheel, enabling the machine head to rotate easily and with little effort around the pipe with a constant speed.