

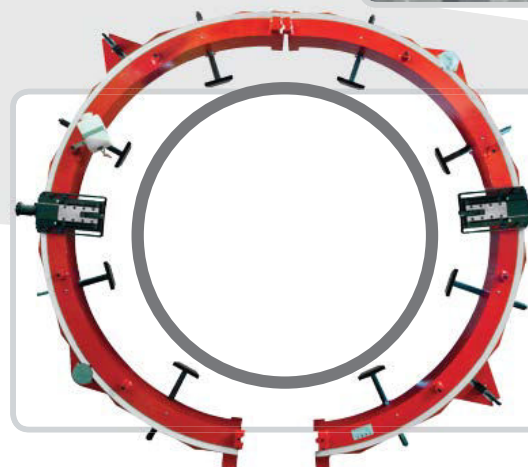
HYPERCUTTER

Machinable pipe range 1625-2438 mm



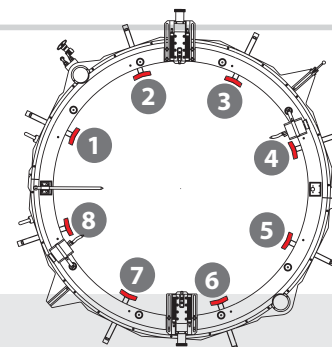
GBC HYPERCUTTER machines are intended for flameless cutting and for forming the weld bevel on the ends of pipe and shells of the corresponding sizes. They are built to work in hard and field conditions and can be used in workshops and on pipeline construction. They are supplied with hydraulic drives only.

The machine has a powerful hydraulic motor that delivers high performance at the low speeds these diameters require.



The rigid split-ring mounting on the pipe with eight support legs, together with extended and reinforced tool slides, guarantees reliable and efficient work and a cut perpendicular to the pipe axis. The split ring allows the HYPERCUTTER to be mounted on an "endless" pipe, and the hinged joint makes that mounting easier.

Mounting the machine at eight points is optimal for bringing the machine axis in line with the nominal axis of the pipe.



Eight support legs with a wide base hold the machine securely on the pipe.

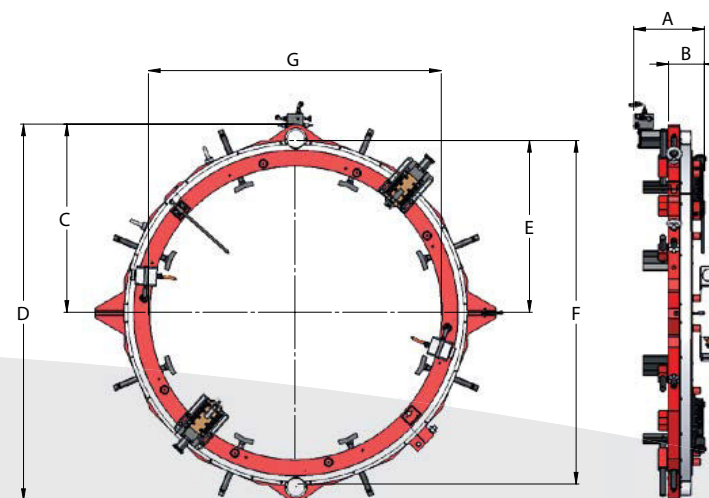
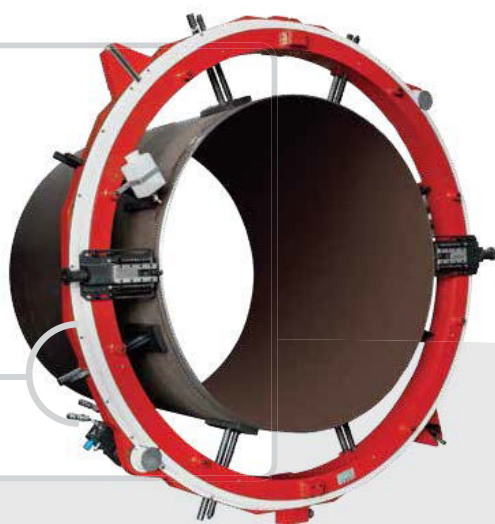
APPLICATION: pipe from 1524 mm to 2435 mm (60" - 96"); PURPOSE: cutting the pipe while forming the weld bevel at the same time or in sequence; MATERIAL: carbon steel, stainless steel and others. DRIVE TYPES: hydraulic only;

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Every support-leg screw carries a scale. The scale makes it easier to preset the legs to the required position and speeds up positioning of the machine.

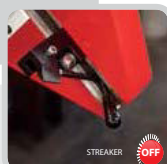
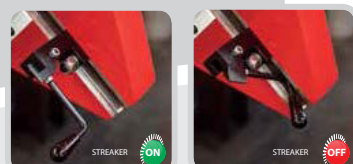


OVERALL DIMENSIONS

Model	Drive type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
HC60-72	Hydr.	485	245,5	1292,8	2585,5	1180	2360	2011
HC72-84	Hydr.	485	245,5	1442,5	2881,5	1330	2660	2316
HC84-96	Hydr.	485	245,5	1591,8	3183,5	1477	2954	2621

TECHNICAL CHARACTERISTICS

	HC60-72	HC72-84	HC84-96
Pipe clamping mm			
range inch	min/max	1520 / 1820	1820 / 2130
	min/max	60 / 72	72 / 84
Pipe wall mm 70 70 70			
thickness			
Radial feed mm 0,2 0,2 0,2			
per revolution			
Weight kg 1550 1750 1930			
Drive kW	30	30	30
power			
Hydraulic line MPa 12 12 12			
pressure			
Oil flow l/min	60	60	60
Rotation speed min-1 6 6 6			



A reinforced tool slide with an extended stroke and a copying follower is part of the standard equipment. Rolling along the outer surface of the pipe, it forms the root face geometry accurately, following the ovality of the pipe.



The slide is designed so that tools can be changed quickly. The machine has an automatic tool feed system.



TOOLING

Tools for the HYPERCUTTER can be made to the bevel the customer requires. Standard tools are made for every common weld bevel. Tools for the HYPERCUTTER can be made to the bevel the customer requires.