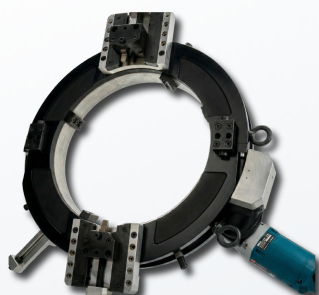


SPLIT-FRAME PIPE CUTTING · BEVELLING · FACING

SFM-1218

HEAVY-DUTY SPLIT-FRAME



SFM-1218

MAUCOTOOLS · SFM-1218 SPLIT-FRAME

2000 W heavy-duty split-frame — 12" to 18" pipe.

The SFM-1218 steps up to a 2000 W electric drive for heavy-duty cutting and bevelling of 12"–18" pipe. The rigid split-frame clamshell holds tight on the OD for precise, repeatable weld prep on thick-wall pipe.

- Split-frame clamshell — splits in two, mounts on in-line pipe
- Cuts, bevels, faces and counterbores in one setup — no torch
- 8-point wedge-style hardened tool-steel jaws — vibration-free
- Steel mobile ring gear on a light aluminium fixed ring
- Auto-feed trip assembly — engage / disengage per feed
- Cold, spark-free machining of stainless, duplex and Inconel
- 2000 W electric drive for thick-wall pipe
- Heavy-duty rigidity for large diameters

12" – 18"

PIPE OD RANGE

305 – 457 mm

OUTSIDE DIAMETER

2000 W

ELECTRIC DRIVE

from 38 kg

RING WEIGHT

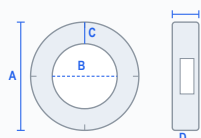
TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC	HYDRAULIC
Clamping range (mm)	304.8 – 457.2	304.8 – 457.2	304.8 – 457.2
Idle speed (rpm)	16	15	14
Power	2.7 kW	4 HP	5 HP (3-ph)
Air pressure (bar)	—	6.2	—
Air consumption (cfm)	—	95	—
Ring weight (kg)	38	38	38
Drive-unit weight (kg)	14	12.5	8

FRAME DIMENSIONS

split-frame envelope · schematic, not to scale



A

632

OVERALL HEIGHT · MM

B

470

WORKING BORE Ø · MM

C

82

FRAME WIDTH · MM

D

77

DEPTH · MM

SUPER-HEAVY-WALL

Optional rear-mounted steel ring with four steel location stabilizers adds axial stability and rigidity for super-heavy-wall and hard-alloy pipe.

CONFIGURATION & TOOLING

CLAMPING & JAWS

Split-frame clamshell · 8-point hardened tool-steel jaws · OD 12" – 18" · adjustable locator pads

DRIVE UNITS

Pneumatic · electric · hydraulic. Motor mounts on keyways (anti-twist); flange straight in-line, right-angle or front-reversible. Planetary gearbox.

CUTTING BITS & TOOLING

HSS form-style & HSS-Co / carbide insert bits · bevel and compound-bevel · swivel head · counterbore attachment · tool slides · reaction ring · lever tripper.

APPLICATIONS

PIPELINES · OFFSHORE & SUBSEA · REFINERIES · PETROCHEMICAL · POWER GENERATION · SHIPBUILDING · cutting · bevelling · facing · counterboring · J-preps

MODEL RANGE

split-frame clamshell · 2" to 60" OD · 6 models

SFM-26

2" – 6"

SFM-612

6" – 12"

SFM-1218

12" – 18"

SFM-1824

18" – 24"

SFM-2432

24" – 32"

SFM-4860

48" – 60"