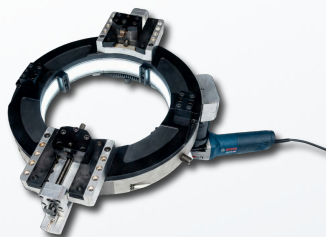


SPLIT-FRAME PIPE CUTTING · BEVELLING · FACING

## SFM-612

INDUSTRIAL SPLIT-FRAME



SFM-612

MAUCOTOOLS · SFM-612 SPLIT-FRAME

## Portable split-frame cutting &amp; bevelling — 6" to 12" pipe.

The SFM-612 brings split-frame cutting, bevelling and facing to 6"–12" pipe. The clamshell frame clamps on the OD and splits in two for in-line mounting, delivering rigid, vibration-free cold machining on demanding alloys.

- 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
- Versatile mid-range for industrial worksites
- Rigid clamshell for repeatable weld prep

6" – 12"

PIPE OD RANGE

152 – 305 mm

OUTSIDE DIAMETER

from 24 kg

RING WEIGHT

3

DRIVE OPTIONS

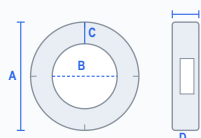
## TECHNICAL SPECIFICATIONS

by drive version

| SPECIFICATION          | ELECTRIC      | PNEUMATIC     | HYDRAULIC     |
|------------------------|---------------|---------------|---------------|
| Clamping range (mm)    | 152.4 – 304.8 | 152.4 – 304.8 | 152.4 – 304.8 |
| Idle speed (rpm)       | 25            | 23            | 25            |
| Power                  | 1.5 kW        | 4 HP          | 5 HP (3-ph)   |
| Air pressure (bar)     | —             | 6.2           | —             |
| Air consumption (cfm)  | —             | 95            | —             |
| Ring weight (kg)       | 24            | 24            | 24            |
| Drive-unit weight (kg) | 6             | 7             | 7             |

## FRAME DIMENSIONS

split-frame envelope · schematic, not to scale



A

490

OVERALL HEIGHT · MM

B

334

WORKING BORE Ø · MM

C

78

FRAME WIDTH · MM

D

66

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 &amp; TOOLING

## CLAMPING &amp; JAWS

Split-frame clamshell · 8-point hardened tool-steel jaws · OD 6" – 12" · 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 &amp; TOOLING

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

## APPLICATIONS

PIPELINES · OFFSHORE &amp; 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"