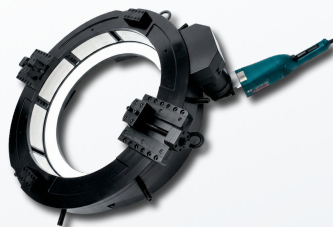


SPLIT-FRAME PIPE CUTTING · BEVELLING · FACING

## SFM-2432

GIANT CLAMSHELL

SFM-2432



MAUCOTOOLS · SFM-2432 SPLIT-FRAME

### Powerful split-frame for large pipelines — 24" to 32" pipe.

The SFM-2432 is a powerful, robust giant clamshell for industrial pipelines. It clamps on 24"–32" pipe OD to cut, bevel and face heavy-wall pipe with rigid, stable performance.

- 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
- Robust giant clamshell for pipelines
- Heavy-wall cutting and bevelling

24" – 32"

PIPE OD RANGE

610 – 813 mm

OUTSIDE DIAMETER

from 78 kg

RING WEIGHT

3

DRIVE OPTIONS

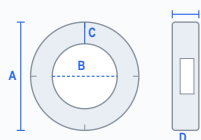
## TECHNICAL SPECIFICATIONS

by drive version

| SPECIFICATION          | ELECTRIC      | PNEUMATIC     | HYDRAULIC     |
|------------------------|---------------|---------------|---------------|
| Clamping range (mm)    | 609.6 – 812.8 | 609.6 – 812.8 | 609.6 – 812.8 |
| Idle speed (rpm)       | 13            | 12            | 11            |
| Power                  | 3.5 kW        | 4.2 HP        | 5 HP (3-ph)   |
| Air pressure (bar)     | —             | 6.2           | —             |
| Air consumption (cfm)  | —             | 95            | —             |
| Ring weight (kg)       | 78            | 78            | 78            |
| Drive-unit weight (kg) | 23            | 16            | 9             |

## FRAME DIMENSIONS

split-frame envelope · schematic, not to scale



A

969

OVERALL HEIGHT · MM

B

838

WORKING BORE Ø · MM

C

65

FRAME WIDTH · MM

D

113

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 24" – 32" · 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"