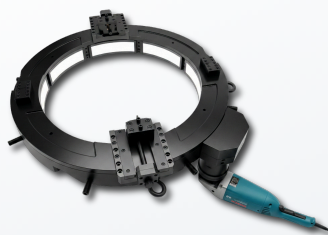


SPLIT-FRAME PIPE CUTTING · BEVELLING · FACING

SFM-1824

LARGE-DIAMETER SPLIT-FRAME



SFM-1824

MAUCOTOOLS · SFM-1824 SPLIT-FRAME

High-stability split-frame — 18" to 24" pipe.

The SFM-1824 delivers maximum stability on large-diameter pipe. A 2600 W drive and a rigid clamshell frame cut, bevel and face 18"–24" pipe with the precision demanded by pipeline and refinery work.

- 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
- 2600 W drive for large-diameter pipe
- Maximum clamshell stability and precision

18" – 24"

PIPE OD RANGE

457 – 610 mm

OUTSIDE DIAMETER

2600 W

ELECTRIC DRIVE

from 48 kg

RING WEIGHT

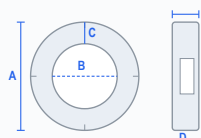
TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC	HYDRAULIC
Clamping range (mm)	457.2 – 609.6	457.2 – 609.6	457.2 – 609.6
Idle speed (rpm)	15	12	17
Power	3.5 kW	4 HP	5 HP (3-ph)
Air pressure (bar)	—	6.2	—
Air consumption (cfm)	—	95	—
Ring weight (kg)	48	48	48
Drive-unit weight (kg)	23	16	9

FRAME DIMENSIONS

split-frame envelope · schematic, not to scale



A

750

OVERALL HEIGHT · MM

B

623

WORKING BORE Ø · MM

C

63.5

FRAME WIDTH · MM

D

76

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 18" – 24" · 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"