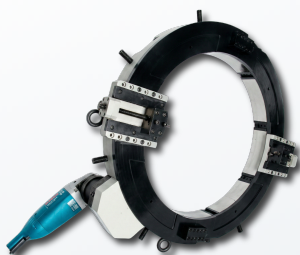


SPLIT-FRAME PIPE CUTTING · BEVELLING · FACING

SFM-4860

GOLIATH CLASS



SFM-4860

MAUCOTOOLS · SFM-4860 SPLIT-FRAME

Goliath split-frame for the largest pipelines — 48" to 60" pipe.

The SFM-4860 is the Goliath of the range — a large-scale split-frame for offshore pipelines and major plants. It clamps on 48"–60" pipe OD for precise cutting, bevelling and facing at the largest diameters, with clamshell rigidity that keeps tolerances tight.

- 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
- Goliath class for offshore pipelines
- Large-scale precision to Ø1524 mm

48" – 60"

PIPE OD RANGE

1219 – 1524 mm

OUTSIDE DIAMETER

from 538 kg

RING WEIGHT

60"

MAX PIPE OD

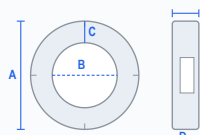
TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC	HYDRAULIC
Clamping range (mm)	1219 – 1524	1219 – 1524	1219 – 1524
Idle speed (rpm)	7	6	6
Power	3.5 kW	4.2 HP	7.5 HP (3-ph)
Air pressure (bar)	—	6.2	—
Air consumption (cfm)	—	100 – 110	—
Ring weight (kg)	538	538	538
Drive-unit weight (kg)	23	16	9

FRAME DIMENSIONS

split-frame envelope · schematic, not to scale



A

1637 – 1794

OVERALL HEIGHT · MM

B

1397 – 1550

WORKING BORE Ø · MM

C

120 – 122

FRAME WIDTH · MM

D

158 – 159

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 48" – 60" · 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"