



## **SFM-Series** Pipe Facing Machines

|          |                      |
|----------|----------------------|
| SFM-614  | Pipe range 6" - 14"  |
| SFM-1632 | Pipe range 16" - 32" |
| SFM-3448 | Pipe range 34" - 48" |
| SFM-4862 | Pipe range 48" - 62" |



# SFM-Series Pipe Facing

## ABOUT THE SFM-SERIES

The SUPERIOR SFM pipe facing machines are quickly adjustable to any size within the machine's range and can be easily set up to any bevel configuration: stick electrode including modified J bevel, any automatic welding bevel and transition bevels. Brush adapters eliminate both internal and external manual buffing, grinding or sanding.

The hydraulics on the SFM are Bosch Mannesmann and the choices of engine for the power unit are Caterpillar or Deutz.

## FEATURES



### Control Panel (not shown)

A control panel allows the operator to control the machine's main functions.

An emergency button will block all hydraulic operations without affecting the diesel engine of the power unit.



### Main Frame

The main frame features a strong metal construction to withstand high pressure. Quick connectors are located at the top of the machine to easily hook it up to the power unit.

A mesh covering on the bearing wheel serves as a safety feature. The guard frame on the back protects both the control panel and push cylinder.



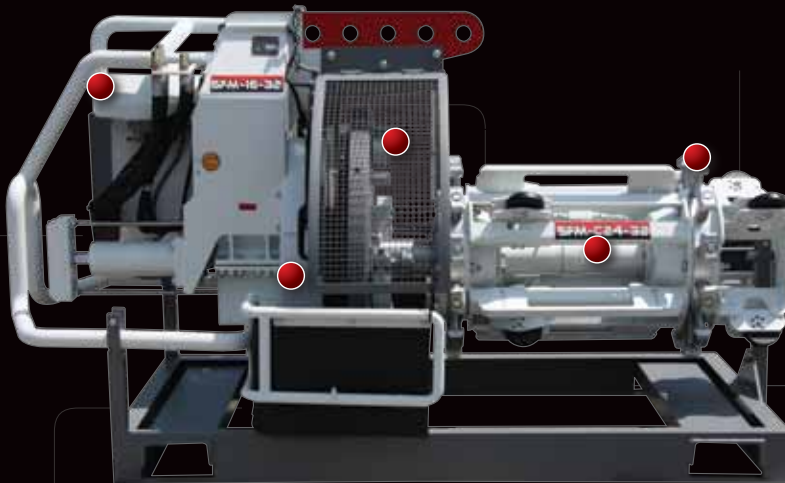
### Tooling

The bearing wheel features a number of tool-holding heads. Rotation and forward motion allow these heads to bevel the pipe.



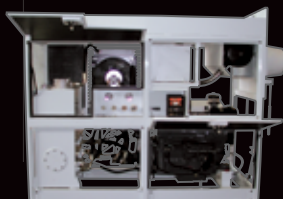
### Pistons

Small pistons push into the internal wall of the pipe during clamp opening to allow for the pipe facing machine's alignment.



### Clamp Assembly

There are two clamp sizes available for each pipe facing machine model: a large clamp and a small one. Each clamp can handle a wide range of pipe sizes.



### Power Unit

The power unit is a diesel-powered, independent unit which supplies the necessary hydraulic power to the pipe facing machine.



The power unit's easy-to-read control panel controls the power unit. It is separate from the SFM's control panel, which controls the pipe facing machine.

The SFM pipe facing machines come with either a large or a small clamp assembly.

# WEIGHTS



## **SFM 6-14**

Pipe range 6-14 in  
Weight 454 kg / 1,000 lbs

## **Small clamp (SMC-C 8-10)**

Pipe range 8-10 in  
Weight 45 kg / 100 lbs

## **Large clamp (SMC-C 10-14)**

Pipe range 10-14 in  
Weight 68 kg / 150 lbs

## **SFM 16-32**

Pipe range 16-32 in  
Weight 1,800 kg / 3,968 lbs

## **Small clamp (SMC-C 16-22)**

Pipe range 16-22 in  
Weight 600 kg / 1,322 lbs

## **Large clamp (SMC-C 24-32)**

Pipe range 24-32 in  
Weight 1,000 kg / 2,205 lbs

## **SFM 34-48**

Pipe range 34-48 in  
Weight 2,100 kg / 4,630 lbs

## **Small clamp (SMC-C 34-40)**

Pipe range 34-40 in  
Weight 990 kg / 2,182 lbs

## **Large clamp (SMC-C 42-48)**

Pipe range 42-48 in  
Weight 1,610 kg / 3,549 lbs

## **SFM 48-60**

Pipe range 48-60 in  
Weight 2,515 kg / 5,544 lbs

## **Small clamp (SMC-C 48-54)**

Pipe range 48-54 in  
Weight 2,200 kg / 4,850 lbs

## **Large clamp (SMC-C 56-60)**

Pipe range 56-60 in  
Weight 2,300 kg / 5,070 lbs



## **SFM-PU 100**

Sound-proof engine  
Weight 2,250 kg / 4,960 lbs  
Horsepower 74 kW / 101 HP



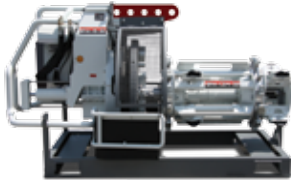
## **SFM-PU 140**

Sound-proof engine  
Weight 2,750 kg / 6,062 lbs  
Horsepower 104 kW / 142 HP

## AVAILABLE MODELS



SFM-614



SFM-1632



SFM-3448



SFM-4862

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