



# BF

## Flanging Machine

The fastest payback with best quality

### DIAMETERS

up to  
**8000 mm**  
**315 in**

### COLD FORMING

from - to  
**2 mm - 50 mm**  
**1/16 in - 2 in**

### Applications



PRESSURE  
VESSELS



TANK HEAD  
MANUFACTURING



SILOS &  
STORAGE  
TANKS



ROAD/  
RAILWAY  
TANKERS

# BF

## Flanging Machine

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The Faccin BF series of flanging machines have been completely developed by the Faccin Group Technical Division. This range guarantees **high productivity** and **maximum quality**, offering a **cost-effective solution**. The frame's compact design suits its installation in workshops of all dimensions.

Additionally, the newest **Total Gap Control** serves as the Starship software, supporting the flanging machine operators. This tool significantly enhances the spinning process for operators of all skill levels, from beginners to experts.

The Faccin BF series can produce heads with or without center hole and manages thicknesses ranging from **2 mm (1/16 in) to 50 mm (2 in.)** in cold forming. The entire engineering and manufacturing process is managed internally and subjected to strict controls.

### Key benefits

- *Proportional hydraulic system with compensated manifolds*
- *Simple, one-person operation*
- *Proportional pressure control system for minimal thinning*
- *Advanced Siemens CNC Total Gap Control*
- *Automatic flanging cycle with pressure and position control (Total Gap Control) operated by proportional controls*
- *Electric drive with AC inverter for knuckle roll*
- *Rolls rotation torque monitoring to prevent overloads*
- *Knuckle roll shaft tilting for material spring back compensation*
- *Linear guides for carriages to eliminate mechanical wear and maintain the axis tolerance constant, even after several years of operating*
- *Leadscrew for the carriages to reduce the drive power and to eliminate the costly bronze bushing wear*

### Features & Accessories

Total Gap control

Hot flanging package

Special device for cone production, for both vertical and tilted axis conical components

Device for small head flange

Configuration for heads with/out central hole

Configuration with tilting upper beam to flange tilted wide conical components

Loading and unloading systems

Device to mount/dismount knuckle rolls

Special knuckle rolls for stainless steel and exotic high alloyed materials

Machine arm for heads bevelling

Additional knuckle rolls

RSM – cloud-based Remote Service Management



**FACCIN**

is a brand of the Faccin Group

Via dell'Industria, 19 - 25010 Visano (BS) - Italy  
Tel: +39 030 67 29 300 - info@faccingroup.com

[www.faccingroup.com](http://www.faccingroup.com)

