



FC6

- One set of flanging rolls included. (R25)
- One set of cutting blades included
- 2 speed part carrier (7-14 m/min) and one speed rotation cutting system
- Top and bottom flanging rolls powered in rotation with planetary reducers
- Manually adjustable sheet centering for both flat and crowned dish flanging
- Both cutting and flanging operation on the same head.

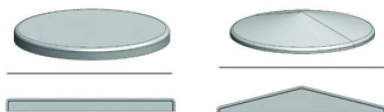
FC8

- One set of flanging rolls included. (R25)
- One set of cutting blades included.
- 2 Rotation speed part carrier 0,35-0,68 m/sec.
- Top and bottom flanging rolls powered in rotation with independent hydraulic motors coupled to planetary speed reducers (Epicyclocltype) 0,35-0,68 m/min speed adjustable
- Both flat and crowned bottoms flanging.
- Hydraulically adjustable bottom height for both flat and crowned dish flanging.
- Both cutting and flanging operation on the same head.

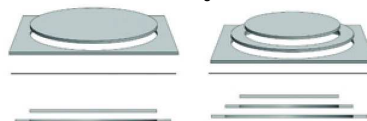
MODELS		FC 6	FC 8
Max. Plate Dia.	Ø mm	4000	4500
Min. Plate Dia.	Ø mm	440	720
Max. Flanging Height	mm	50	150 (R100) - 190 (R25)
Max. Flanging Radius	mm	35	100
Max. Plate Thickness <small>(Considering Mild Steel-Y.P=26Kg/mm²)</small>	mm	6	8
Max. Plate Thickness <small>(Considering Stainless Steel AISI 304-316)</small>	mm	4	5
Motor power	kW	8	10
Length	mm	4250	4600
Width	mm	720	1250
Height	mm	2000	2700
Weight	kg	2050	4400



Edge Flanging



Cutting



FR SERIES FLANGING & DP SERIES DISHING

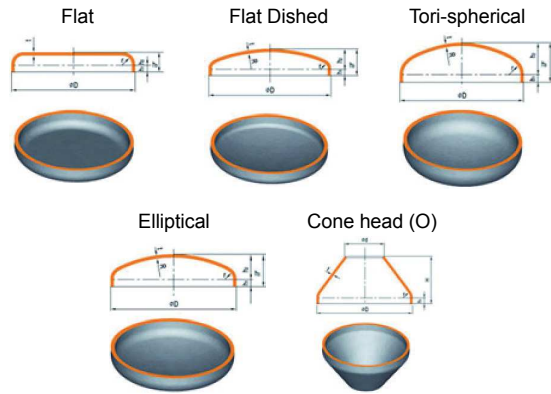


FR SERIES FLANGING MACHINES

Robust machine frames welded and stress relieved. The structural assembly of the machine assures high sturdiness and stability during the flanging operation. Motorized lower bottom-holder moves on sliders by worm screw. The slides are fixed on the base frame. The hydraulic cylinder which allows bottom height adjustment is fixed on the bottom-holder. The standard machine can flange end caps with hole. But if end caps are without hole we can make bridge type machines. The shaping and flanging rolls, built in high resistance steel and induction hardened, is properly shaped according to the radius of the edge to be obtained. This roll is motorized it means driven by radial pistons hydraulic motors, planetary gearboxes with variable rotation speed. The flanging roll operation may be done in manual or in automatic mode. The bottom supporting rolls is a group of 2 rolls able to support the bottom surface during flanging operation. This group is positioned underneath the shaped roll and is adjustable in height with hydraulic cylinder. The hydraulic system consists of motor pump group and oil tank equipped with all the components for the correct machine operating and safety as filter, level gauges, thermostate, heat exchanger, control valves and solenoid valves all world wide brands. Electrical components protected by current overloading. Control unit has joysticks and push buttons for operate the machine manual and automatic modes.

MODEL		FR 12	FR 16	FR 20	FR 25
Max. Plate Diameter	mm	4000	4000	5000	5000
Min. Plate Diameter	mm	700	800	1000	1200
Max. Flanging Radius	mm	300	300	400	500
Min. Flanging Radius	mm	25	30	30	40
Flanged Total Height	mm	700	800	800	1000
Max. Plate Thickness (Mild Steel - Y.P.= 24Kg/mm ²)	mm	12	16	20	25
Max. Plate Thickness (SS - AISI 304 - 516 GR 70)	mm	8	10	14	16
Main Motor	kW	37	55	55	55
Additional Motor	kW	7.5	7.5	11	11
Length	mm	4850	5000	5500	6300
Width	mm	1600	1300	1300	1600
Height	mm	3200	2700	2850	4100
Weight	kg	10120	13500	17000	28000

All models available as "No-Hole" models. In no-hole models minimum flange bending sheet diameter changes according to models.



DP SERIES DISHING STANDARDS

- Steel welded frame
- Easy to operate
- Stop at any position (with limit switch)
- Pressure manometer
- Pressure valve
- Safety valve against overloading
- Mechanical crane for holding the material by hand
- Hydraulic oil cooler

OPTIONS

- Automatic plate manipulator
- Optional press tools for different shapes

MODELS		DP 150	DP 200	DP 300
Press Power	kN	1500	2000	3000
Max. Pressure	bar	255	255	280
Stroke	mm	500	500	800
Motor Power	kW	11	11	22
Length	mm	6500	6500	7500
Width	mm	10000	10000	12000
Height	mm	3000	3350	3350
Weight	kg	10000	27840	34000