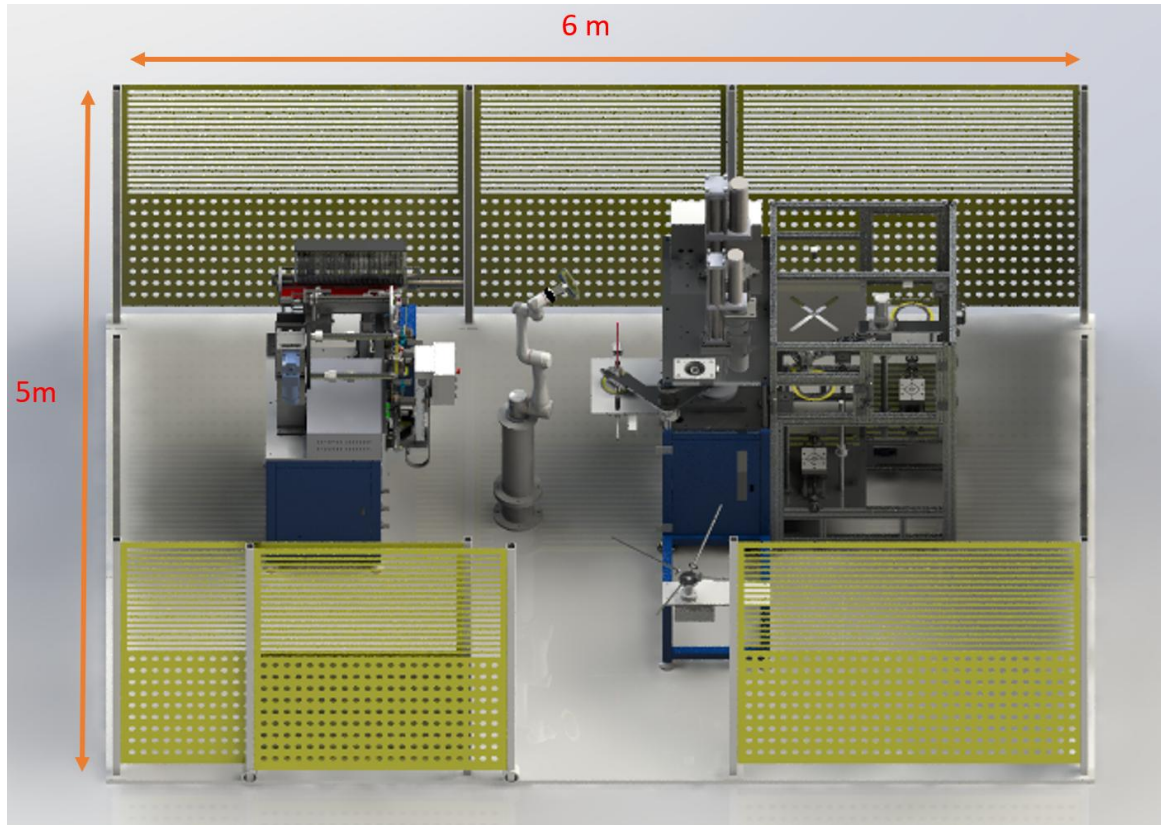
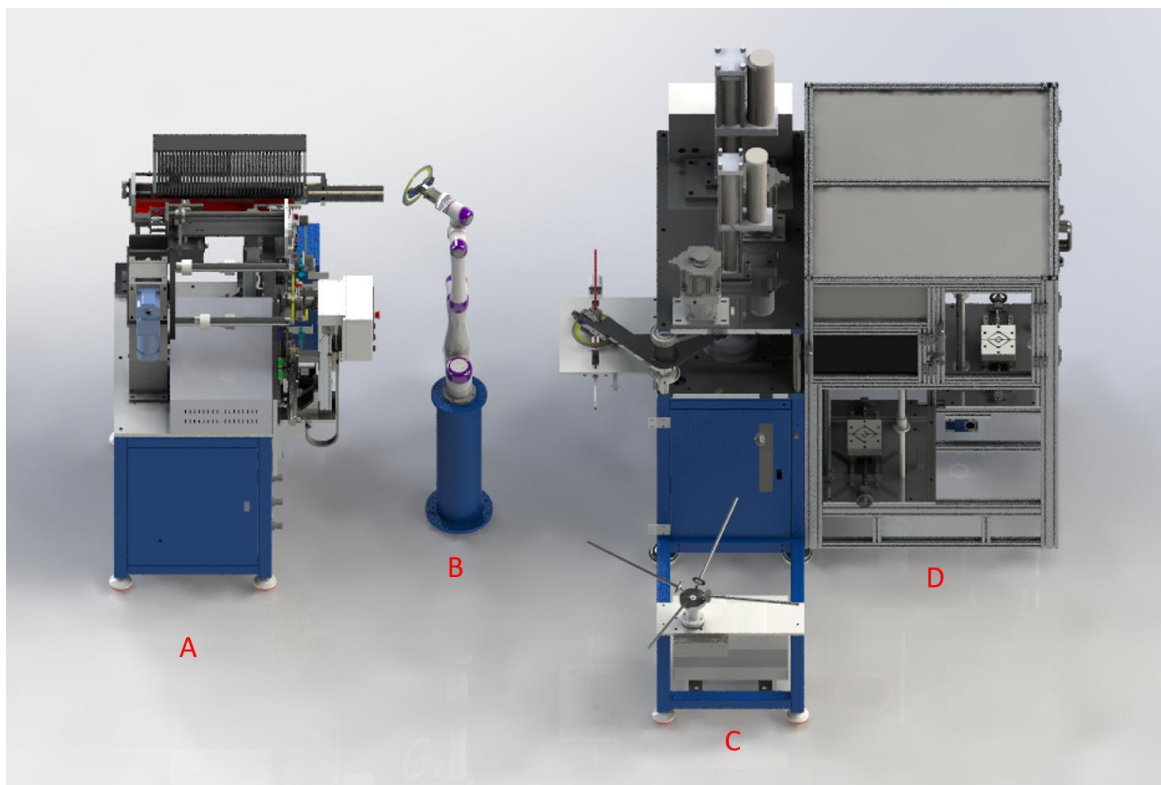


MSWG-25 Fully Automatic Gasket Machine



(Auto line with fence)





MSWG-25 Main Features

1. This line is a fully automatic, consist of 4 major units, from left to right are as following

A Auto winder

B Six-axis robot

C Auto press

D Guide ring feeding system

2. PLC programmed process control, work mode fully automatic. The process route of the whole production line is as follows

- 1) Auto winder produce winding elements;
- 2) Six-axis collaborative robot pick up winding element from winder;
- 3) Six-axis robot drop winding element to platform of press:
- 4) Platform automatic measure the OD of element, and make judge yes or no;
Element with qualified dimensions proceed; unqualified ones will be sorted out by the robot.
- 5) Press's No 1 two-arm robot pick element (if yes) and drop to assembly mold;
- 6) Meanwhile, No 2 two-arm robot pick guide deformed guide ring and drop to the assembly mold;
- 7) Press head with flatten up mold come down, flatten guide ring, therefore finish guide ring assembly;



8) No 3 two-arm robot pick up finished gasket transfer to collection bar.

The total cycle time determined by auto winder, take 3 inch gasket as example, the line overall cycle time is around 25 seconds.

3. Guide ring feeding system have two storages, one is under supplying, meanwhile another one can be reloading, so this line can run constantly run without stop for reloading; and the gasket unloading system also have 4 bars to hang the gasket, as soon as one is full, system will automatically switch to the next one, so operator can collect the gasket without stop the machine.
4. Special designed quick changing mold, reduce set up time, change over time less than 10 minutes.
5. Use pressurized oil air cylinder provide pressure up to 5 tons, can assembly sizes from ½” up to 8” 150, cover all big volume items.
6. Durable auto line with simply and easy maintenance requirements.
7. It works well with inner ring type of gasket.



MSWG-25 Automatic SWG Line specifications

Type		MSGW-25
Occupation		5M*6M
Net weight	Auto winder	910 KG
	Six axes robot	80 KG
	Press	740KG
	Guide ring feeding system	280 KG
Power	Auto winder	6.5 kw
	Six axes robot	6.7 kw
	Press	1.2 kw
	Guide ring feeding system	2.3 kw
Voltage		380V
Size scale		1/2"– 8"
Suitable for all standards		Yes
Process control		PLC program
Work mode		Fully automatic
Press		Pressurized oil-air cylinder
Maximum pressure		5 T
Circle time		25 Seconds (3" gasket)
Guide ring load capacity		350 Pieces
Material suited		CS/SS
Pressed air supply		0.5-0.8 MPa

END