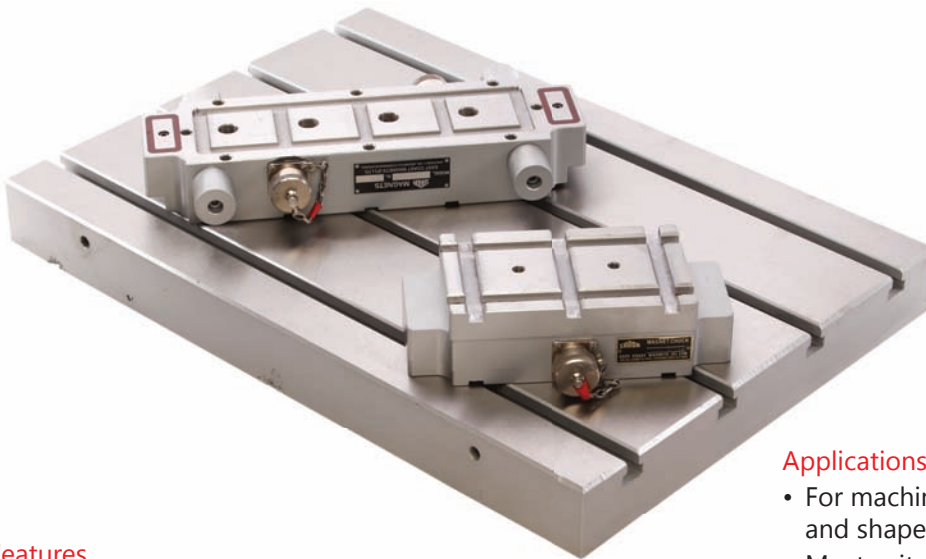


# DOUBLEMAG

DOUBLEMAG EPM CHUCKS OF POLES SIZE 50 and 75 mm



## Features

- Patented design with full steel working face.
- Unique self clamping magnets.
- Ergonomic design and light weight magnet modules.
- Magnets can be Daisy Chain connected so that only one cable needs to be connected to the controller and the magnets are connected amongst themselves.
- Magnets clamp to the machine bed without the need of any external clamping simultaneously clamping the job.
- Magnets can easily be placed where required.
- Any module of the magnet can be used to switch ON/ OFF as all the modules are interconnected with detachable connectors. This gives a great deal of flexibility.
- Height of all magnets is 60 mm.
- Clamping force for DoubleMag 50  $\geq$  300 kg/ pole.
- Clamping force for DoubleMag 75  $\geq$  675 kg/ pole.

## Applications

- For machining applications of job of all sizes and shapes.
- Most suitable for jobs with a number of holes and very less clamping area.
- Pole extensions raise the work piece above the chuck to provide clearance for the tools.
- Dowel holes can be made for location of work piece.
- Can be used in welding/ machining testing and assembly to hold the job.

## DOUBLEMAG 50

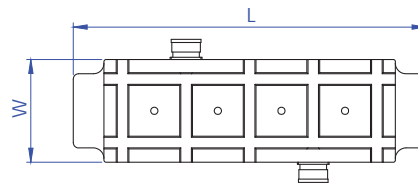
ART No.	L	W	Poles
13114.01A	213	97	2
13114.02A	333	97	4
13114.02B	213	157	4
13114.03A	273	157	6
13114.03B	213	217	6

- Due to continuous upgradation in design there could be change in specification.
- Others sizes on request.
- Custom versions of the DoubleMag can also be manufactured.
- All dimensions are in mm.

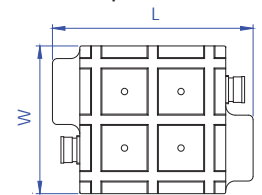
## DOUBLEMAG 75

ART No.	L	W	Poles
13115.01A	272	128	2
13115.02A	448	128	4
13115.02B	272	216	4
13115.03A	360	216	6
13115.03B	272	304	6

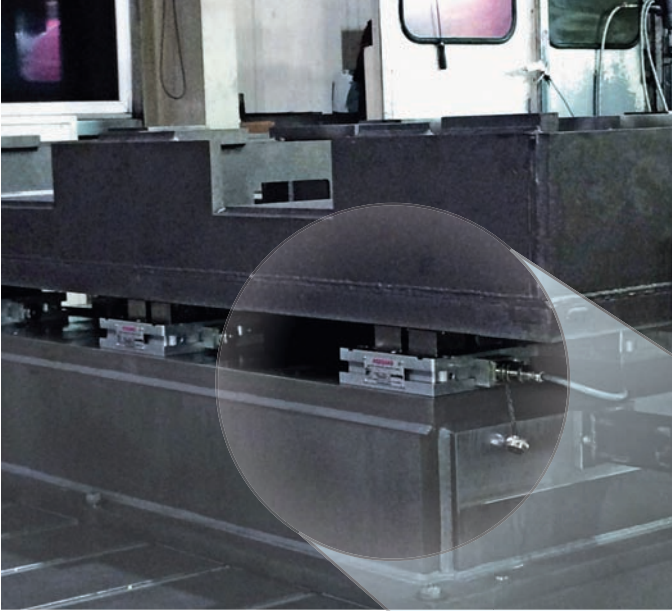
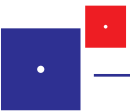
Option A



Option B



- The Magnet can be designed for 220/380/400/480 VAC, 50/60 Hz.
- Custom designed solutions also available.



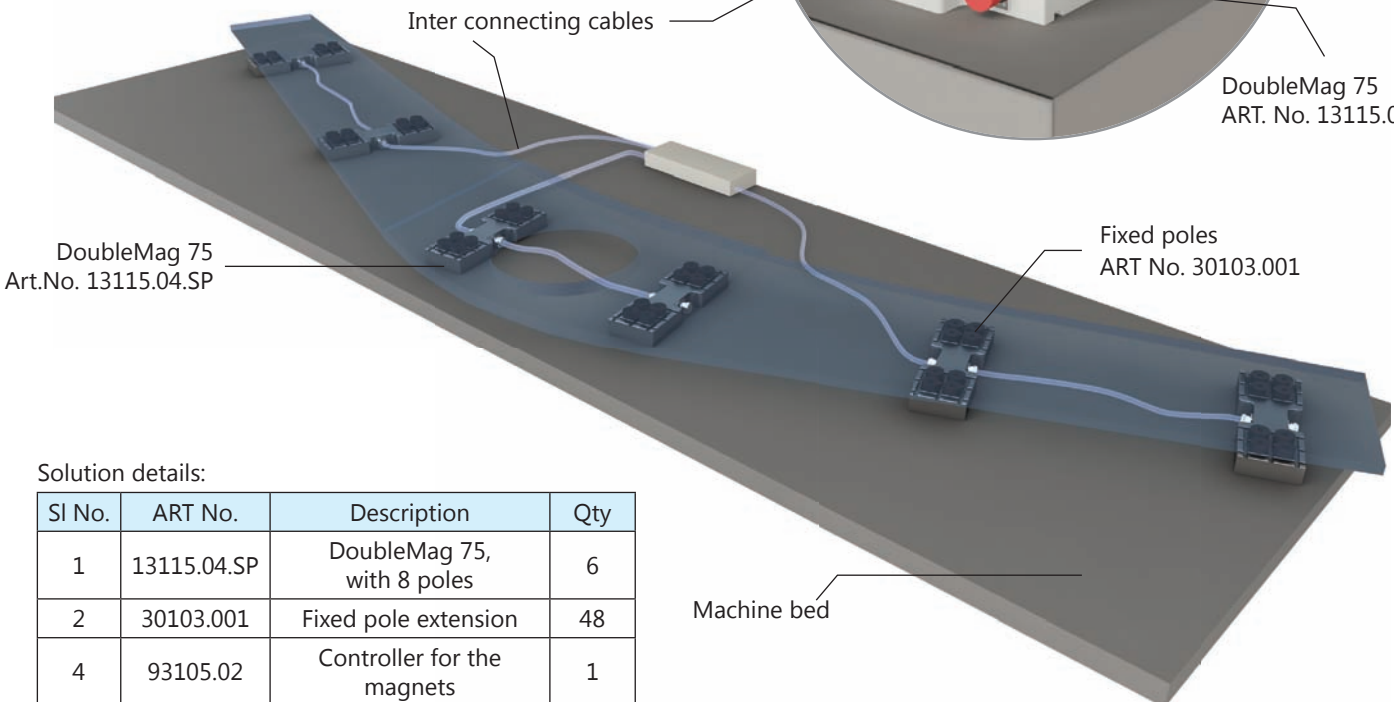
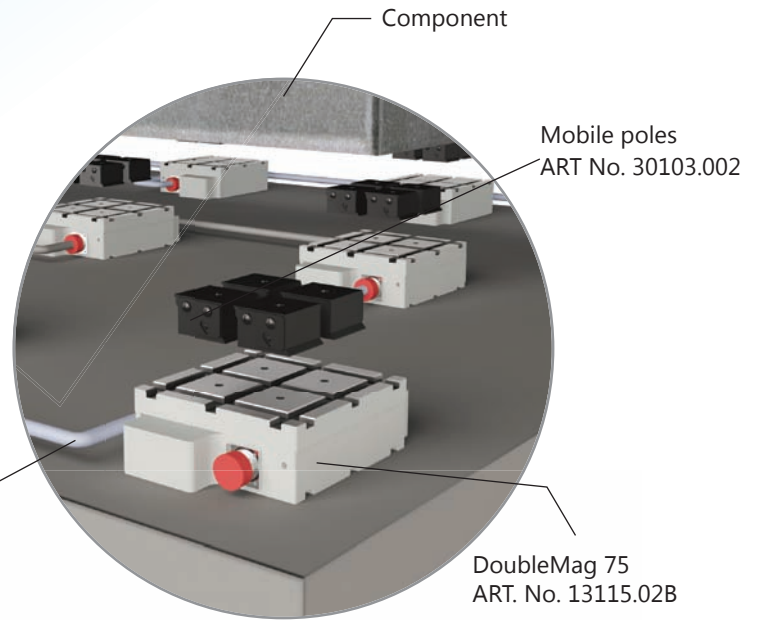
### Applications

Component was a machine which needed to be machined with flatness of less than 100 microns. The DoubleMags were put on a Steel plate of thickness 40mm mounted on the machine bed. Then the component was placed on top the magnet. Milling was done and the flatness was achieved.

Solution details:

SI No.	ART No.	Description	Qty
1	13115.02B	DoubleMag75, with 4 poles	20
2	30103.001	Fixed Pole Extension	3
2	30103.002	Spring pole extensions	117
4	93105.01	Controller for the magnets	3

### Special DoubleMag solution



Solution details:

SI No.	ART No.	Description	Qty
1	13115.04.SP	DoubleMag 75, with 8 poles	6
2	30103.001	Fixed pole extension	48
4	93105.02	Controller for the magnets	1