

# MULTI-INJECT

## 3-AXIS ROBOTS FOR INJECTION MOLDING MACHINES FROM 100 TO 1200 TON

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The three Multi-Inject robot models are specially designed for transverse unloading in the mold without touching the secondary vertical injection unit of the IMM.

Unlike conventional Cartesian robots, these robots are designed with a demolding arm that slides on the horizontal axis to access the mold vertically.

They are more economic than a side-entry robot and also benefit from the flexibility of a 3-axis Cartesian robot.

- | MULTI-INJECT 20
- | MULTI-INJECT 30
- | MULTI-INJECT 40



**NEW ECO Air** 

THE SOLUTION TO HELP YOU REDUCE  
YOUR COMPRESSED AIR CONSUMPTION

# MULTI-INJECT

## 3-AXIS ROBOTS

MULTI-INJECT 20 | MULTI-INJECT 30 | MULTI-INJECT 40

### SPECIFICATIONS

MI-20	MI-30	MI-40
Mold clamping force (T - Metric Tons)		
100 - 250	200 - 500	400 - 1200
Horizontal stroke (mm) - Can be adapted by 500 mm steps		
2000 - 5000	2500 - 5000	2500 - 6000
Demold stroke - Transversal layout		
700	900	1200
Vertical stroke (mm) - Direct arm		
1400	-	-
Vertical stroke (mm) - Telescopic arm		
-	1800	2500
Maximum load (parts + EOAT) (kg)		
10	15	30
R1 pneumatic rotation (0-90°)		
✓	✓	✓
Part grip - Vacuum up to		
8	8	8
Part-grip : Pressure up to		
8	8	8
Compact beam-mounted control cabinet		
✓	✓	✓
VISUAL 2 control system		
✓	✓	✓

### OPTIONS

Pneumatic rotation R1-R2 (0-90°-180°)		
✓	✓	✓
R1 servo rotation (0-180°) + R2 (0-300°)		
		✓
Visual 3 control system		
✓	✓	✓
ECO Air		
✓	✓	✓