

Pneumatic Robots



Small but Powerful

Technology working for you.

Wilmann

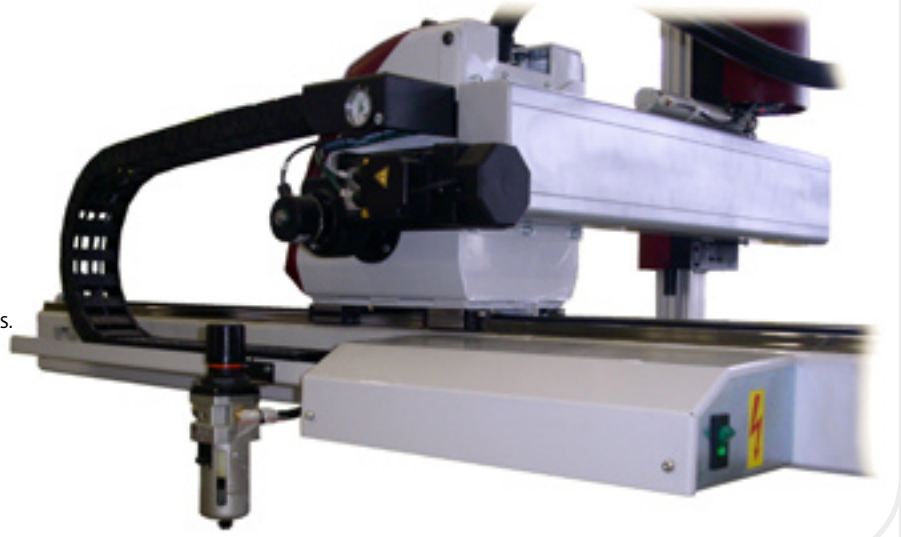
Progress through Innovation

Innovative 7 Series Robots

W710

The W710 series are the perfect robots for smaller molding machines up to 200 t.

These robots are designed with a fixed kick stroke beam. The rugged, specially reinforced aluminum extrusion is directly attached to the main carriage. There are no parts sticking out towards the injection unit. Even on small molding machines there is no collision with the hopper. The rugged lightweight vertical arm is guided by high capacity linear bearings to allow fast movement with minimum vibration for precise insert and removal jobs.



W710(S) One-Axis Motor Robots

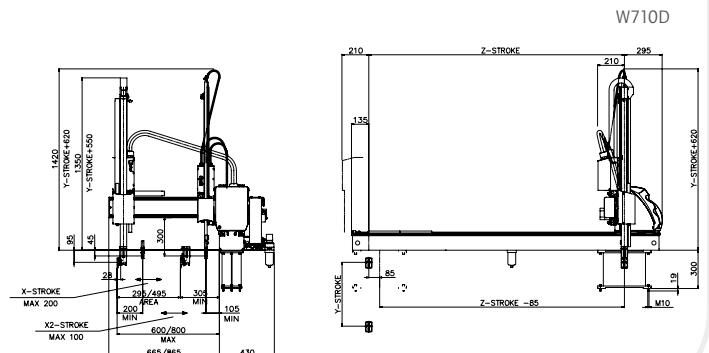
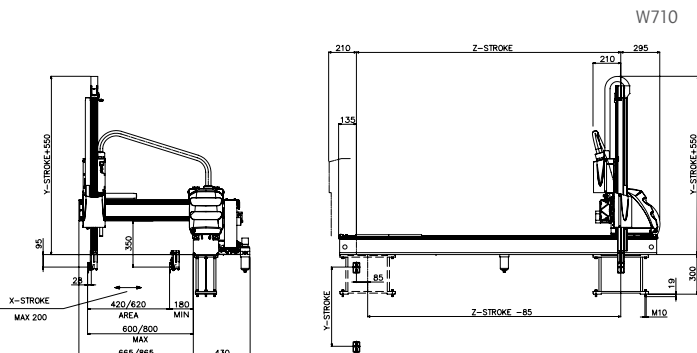
"Pick and Place" Robots Providing High Performance at Affordable Prices

- **Z-axis**
Motor driven by asynchronous servo motors for precise control of multiple stopping positions on traverse axis.
- **Y-axis**
- Rugged light-weight aluminum extrusion to allow fast movement.
- Pneumatically driven with large hydraulic shock absorbers provide smooth and shock dampening stops.
- **Modell S (optional)**
Double arm robots are designed particularly for three-plate mold applications.



W710S

| Measures mm (inches) | Vertical Stroke | | Kick-Stroke | | Horizontal Stroke |
|----------------------|-----------------|-----------|-------------|-------------|-------------------|
| | Y-stroke | Y2-stroke | Reach | X/X2-stroke | Z-stroke |
| W710 – 800 | 800 | - | 600 | 200/- | 1.500 |
| W710 – 1000 | 1.000 | - | 600 | 200/- | 1.500 |
| W710 – 1000L | 1.000 | - | 800 | 200/- | 2.000 |
| W710 – 1200 | 1.200 | - | 800 | 200/- | 2.000 |
| W710S – 800 | 800 | 850 | 600 | 200/100 | 1.500 |
| W710S – 1000 | 1.000 | 1.050 | 600 | 200/100 | 1.500 |
| W710S – 1000L | 1.000 | 1.050 | 800 | 200/100 | 2.000 |
| W710S – 1200 | 1.200 | 1.250 | 800 | 200/100 | 2.000 |





Technology working for you.

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