

UNIPICK P5



UNIPICK P5i, P5, P5+

Innovative solutions for pick-and-place applications.



- All axis beams made from torsion-resistant aluminum profiles.
- Sensors and actuators in modern bus technology.
- For parts removal and deposit, to be mounted on injection molding machines across the longitudinal axis of the machine either on the moving or on the fixed mold half.

- Infinitely adjustable demolding lift from 0 to 400 mm.
- Clamping and vacuum circuits with monitoring system.
- Couplings for standard and high-speed gripper exchange.
- Compact folding axis, pneumatic rack-and-pinion drive.



• UNIPICK P5i

with control system integrated into the Battenfeld UNILOG B2/B4 machine control. Connection to the injection molding machine is effected via a CAN-open interface.

• UNIPICK P5, P5+

with separate control system. Connection to the injection molding machine is effected via a EUROMAP 67 interface.

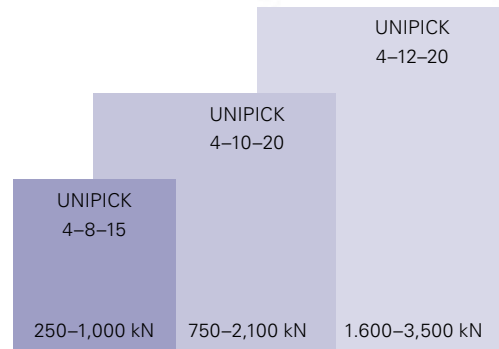
- Manual control unit with 5.7" LCD screen.



UNI PICK-Technical Data

Technical Data UNI PICK

Main axes	X	Y	Z
Strokes x 100 mm	4 4 4	8 10 12	15 20 20
Maximum speed mm/s	1,000	1,800	2,000
Repeatability +/- mm	0.2	0.2	0.2
Maximum handling weight including gripper kg		5	
Pneumatic operating pressure bar		6	



P5i standard package

Support for connection to Battenfeld injection molding machines

Pneumatic auxiliary C axis, 0–90°

1 clamping unit

1 vacuum circuit

Y axis in proportional valve technology (adjustable cylinder end position, adaptive depositing)

P5i options

Pneumatic auxiliary B axis, 0–90° or 0–180°

High-speed gripper exchange system with 100 x 100 mm base plate

Sprue ejection device with clamping circuit

P5 standard package

Support for connection to Battenfeld injection molding machines

Pneumatic auxiliary C axis, 0–90°

1 clamping unit

1 vacuum circuit

Y axis in proportional valve technology (adjustable cylinder end position, plus 2 adaptive positions)

Electric interface for 4I/O peripheral equipment

Electric interface for protective enclosure with control gate

Electric interface for conveyor belt

Software for data storage on Battenfeld injection molding machine

Software for data storage on USB stick

P5 options

Pneumatic auxiliary B axis, 0–90° or 0–180°

High-speed gripper exchange system with two 100 x 100 mm base plates

Sprue ejection device including clamping circuit

P5+ standard package

Support for connection to Battenfeld injection molding machines

Pneumatic auxiliary C axis, 0–90°

1 clamping unit

1 vacuum circuit

Y axis in proportional valve technology (adjustable cylinder end position, plus 2 adaptive positions)

Z axis in proportional valve technology (adjustable cylinder end position, plus 2 adaptive positions)

Electric interface for 4I/O peripheral equipment

Software for data storage on Battenfeld injection molding machine

Software for data storage on USB stick

Electric interface for protective enclosure with control gate

Electric interface for conveyor belt

P5+ options

Pneumatic auxiliary B axis, 0–90° or 0–180°

High-speed gripper exchange system with 100 x 100 mm base plate

Clamping and vacuum circuits (to a maximum of two additional gripper circuits)