

M2-PB

Multiple fixture with 2 chucks

M4-PB

Multiple fixture with 4 chucks

Multiple chucks on fixture, pneumatic Ø 130 - 315 mm

- 2 or 3 jaws (PB-D/PB-M)
- 3 jaws (PB-C)



Application/customer benefits

- For milling machines/machining centers to clamp and machine multiple pieces in one setup

M2-PB: Multiple fixture with 2 chucks type PB-D, PB-C or PB-M

M4-PB: Multiple fixture with 4 chucks type PB-D, PB-C or PB-M

Technical features (more features on chucks see page 272)

- The basic model needs separate circuits to operate the chucks singularly
 - 1st option:** SAB safety unit with non-return valve for every chuck
 - 2nd option:** single non-return valve to operate all chucks simultaneously, with coupling unit to repressurize the fixtures after the storage of the pallets
 - 3rd option:** every chuck can be equipped with a spring loaded clamping unit (internal or external clamping), to hold the workpieces during the pallet transfer

Standard equipment

Multiple chuck on fixture
1 set of soft blank top jaws per chuck (PB-C excluded)
Grease gun

Ordering example

Multiple chuck on fixture
M2-PBC 250 (3 jaws)
or
Multiple chuck on fixture
M4-PBD 165 (2 jaws)

Technical data

SMW-AUTOBLOK Type		M2-PB 130 M4-PB 130	M2-PB 165 M4-PB 165	M2-PB 210 M4-PB 210	M2-PB 250 M4-PB 250	M2-PB 315 M4-PB 315
Chucks radial jaw stroke	mm	3.2	3.6	4.4	5	6.3
Chucks radial jaw stroke PBL-D2 (2 jaws)*	mm	6	6.8	8.4	9.7	12
Actuating cylinder piston area	cm ²	82	143	236	358	548
Max. operating pressure	bar	7	7	7	7	7
Chucks gripping force at 6 bar	kN	14	24	42	64	98
Chucks gripping force at 6 bar PBL-D2 (2 jaws)*	kN	9	16	26	39	60
M2-PB. mass (without top jaws)	kg	29.5	49	83	121	172

*The 2 jaw fixture is available with serrated master jaws (inch or metric) and long stroke only.

Option for the M2-PB and M4-PB fixtures
Safety unit that maintains a constant pressure inside the cylinder which maintains a steady clamping force even in case of a drop or lack of line pressure

SAB Safety unit with double non-return valve

