

AT-PM 200/170

AUTOMATIC CHUCK CHANGE SYSTEM

CHUCKS: Ø170 Ø210 Ø260

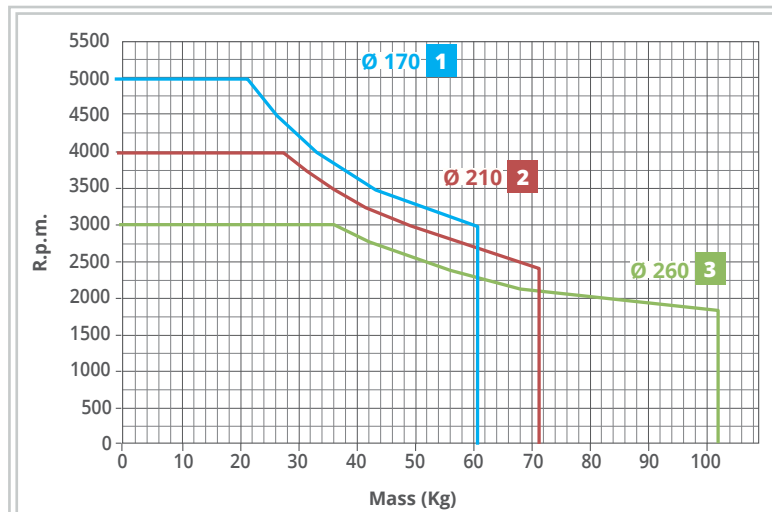
Applications/Customer benefits

- Quick chucks change on lathe
- Quick chucks change Ø170 Ø210 Ø250 available diameter on lathe, quick connection to double cylinder between automatic feeding
- Pallet positioning accuracy pallet < 0,005 mm

Technical features

- Hardened materials for high accuracy and durability
- AT-PM operation with hydraulic double cylinder
- Air sensing function for pallet positioning
- Balancing 6.3

AT-PM MODEL	ID.NO.	REPEATABILITY	Ø170 CHUCK MAX RPM	Ø210 CHUCK MAX RPM	Ø260 CHUCK MAX RPM	WEIGHT Kg	EXTERNAL DRAW-BAR/ OPERATION AT-PM		INTERNAL DRAW-BAR/ OPERATION CHUCK OR COLLECT	
							MAX PULL-DOWN CYLINDER	MAX HOLDING FORCE PALLET	MAX PULL-DOWN FORCE CYLINDER	MAX PUSHING FORCE CYLINDER
Ø200/170 A6	65002009	0,005 mm	5000	4000	3000	12,5	30 kN	120 kN	68 kN	40 kN



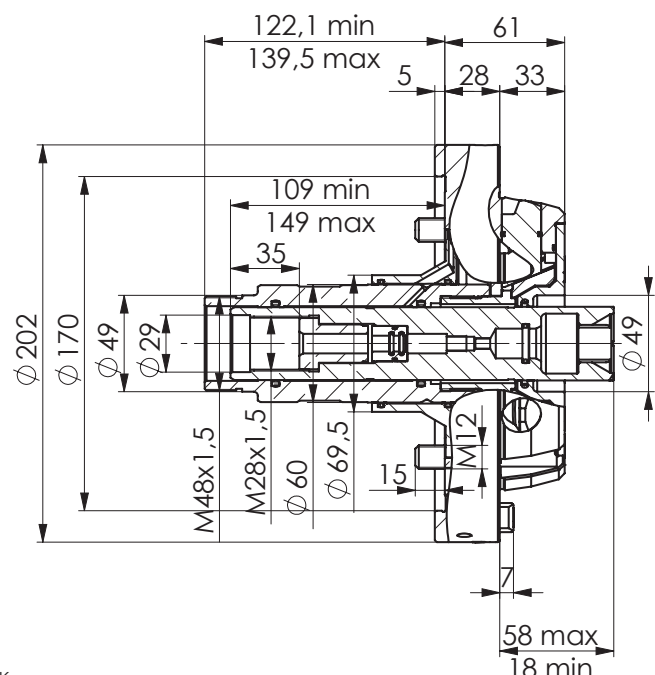
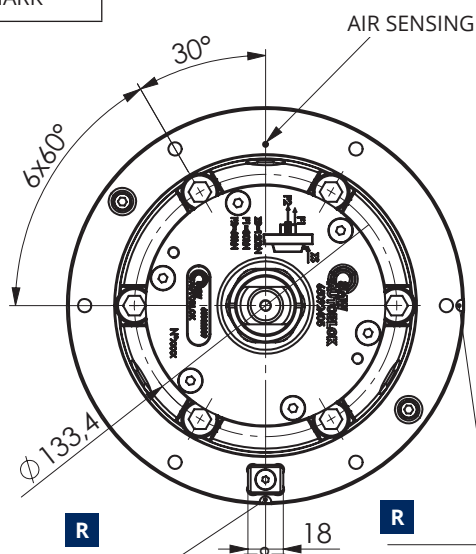
1 (*) Diagram is showing the rpm speed depending from:
 - total max weight (pallet + chuck or fixture + workpiece).
 - max overall dimension Ø 170 and 190 mm total length

2 (**) Diagram is showing the rpm speed depending from:
 - total max weight (pallet + chuck or fixture + workpiece).
 - max overall dimension Ø 210 and 220 mm total length

3 (***) Diagram is showing the rpm speed depending from:
 - total max weight (pallet + chuck or fixture + workpiece).
 - max overall dimension Ø 250 and 250 mm total length

(*) (**) (***) rpm max speed has to be reduced if used chuck type has lower rpm speed

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Subject to technical changes.
 For more detailed information please ask our costumer service SMW-AUTOBLOK.

AT-PM 240/220

AUTOMATIC CHUCK CHANGE SYSTEM

CHUCKS: Ø210 Ø260 Ø315

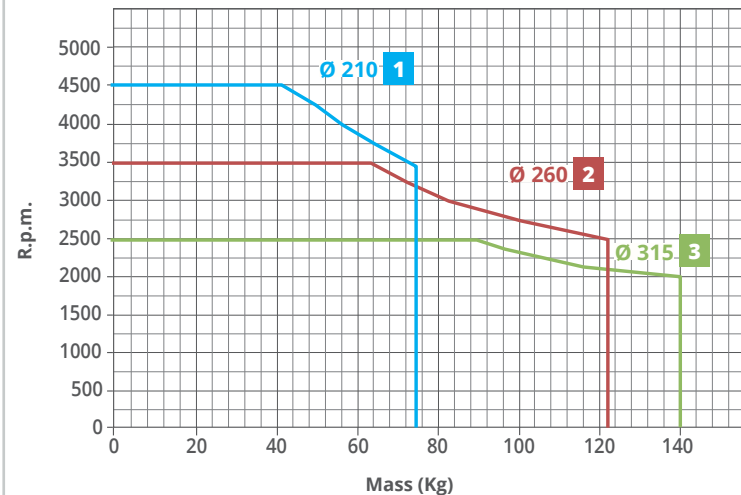
Applications/Customer benefits

- Quick chucks change on lathe
- Quick chucks change Ø210 Ø250 Ø315 available diameter on lathe, quick connection to double cylinder between automatic feeding
- Pallet positioning accuracy pallet < 0,005 mm

Technical features

- Hardened materials for high accuracy and durability
- AT-PM operation with hydraulic double cylinder
- Air sensing function for pallet positioning
- Balancing 6.3

AT-PM MODEL	ID.NO.	REPEATABILITY	Ø210 CHUCK MAX RPM	Ø260 CHUCK MAX RPM	Ø315 CHUCK MAX RPM	WEIGHT Kg	EXTERNAL DRAW-BAR/ OPERATION AT-PM		INTERNAL DRAW-BAR/ OPERATION CHUCK OR COLLECT	
							MAX PULL-DOWN CYLINDER	MAX HOLDING FORCE PALLET	MAX PULL-DOWN FORCE CYLINDER	MAX PUSHING FORCE CYLINDER
Ø240/220 A8	65002405	0,005 mm	4500	3500	2500	16	30 kN	120 kN	68 kN	40 kN



1 (*) Diagram is showing the rpm speed depending from:

- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 210 and 220 mm total length

2 (**) Diagram is showing the rpm speed depending from:

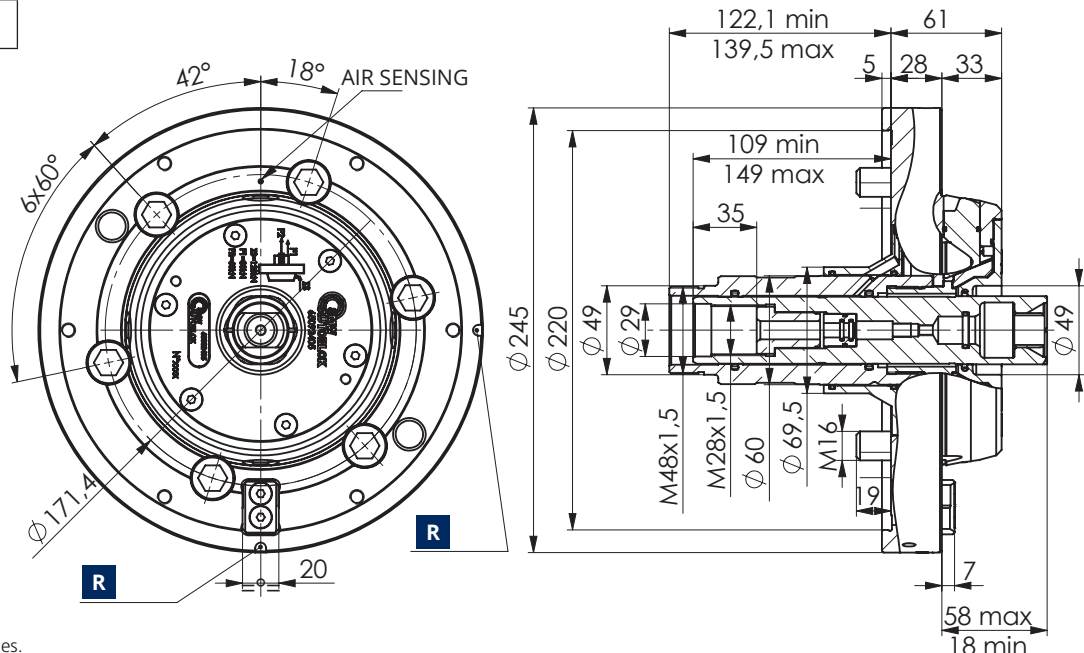
- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 250 and 250 mm total length

3 (***) Diagram is showing the rpm speed depending from:

- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 315 and 250 mm total length

(*) (**) (***) rpm max speed has to be reduced if used chuck type has lower rpm speed

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AT-PM 320/300

AUTOMATIC CHUCK CHANGE SYSTEM

CHUCKS: Ø315 Ø400 Ø530

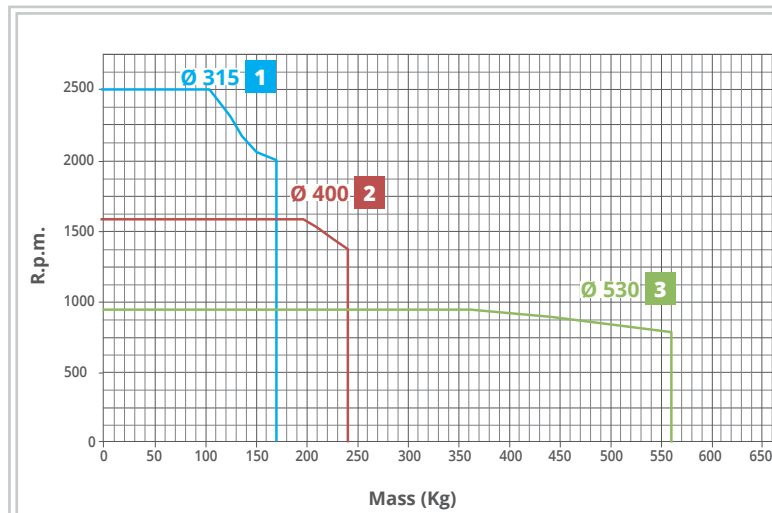
Applications/Customer benefits

- Quick chucks change on lathe
- Quick chucks change Ø315 Ø400 Ø530 available diameter on lathe, quick connection to double cylinder between automatic feeding
- Pallet positioning accuracy pallet < 0,005 mm

Technical features

- Hardened materials for high accuracy and durability
- AT-PM operation with hydraulic double cylinder
- Air sensing function for pallet positioning
- Balancing 6.3

AT-PM MODEL	ID.NO.	REPEATABILITY	Ø315 CHUCK MAX RPM	Ø400 CHUCK MAX RPM	Ø530 CHUCK MAX RPM	WEIGHT Kg	EXTERNAL DRAW-BAR/ OPERATION AT-PM		INTERNAL DRAW-BAR/ OPERATION CHUCK OR COLLECT	
							MAX PULL-DOWN CYLINDER	MAX HOLDING FORCE PALLET	MAX PULL-DOWN FORCE CYLINDER	MAX PUSHING FORCE CYLINDER
Ø320/300 A11	65003205	0,005 mm	2500	1600	900	32	40 kN	160 kN	112 kN	65 kN



1 (*) Diagram is showing the rpm speed depending from:

- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 315 and 250 mm total length

2 (**) Diagram is showing the rpm speed depending from:

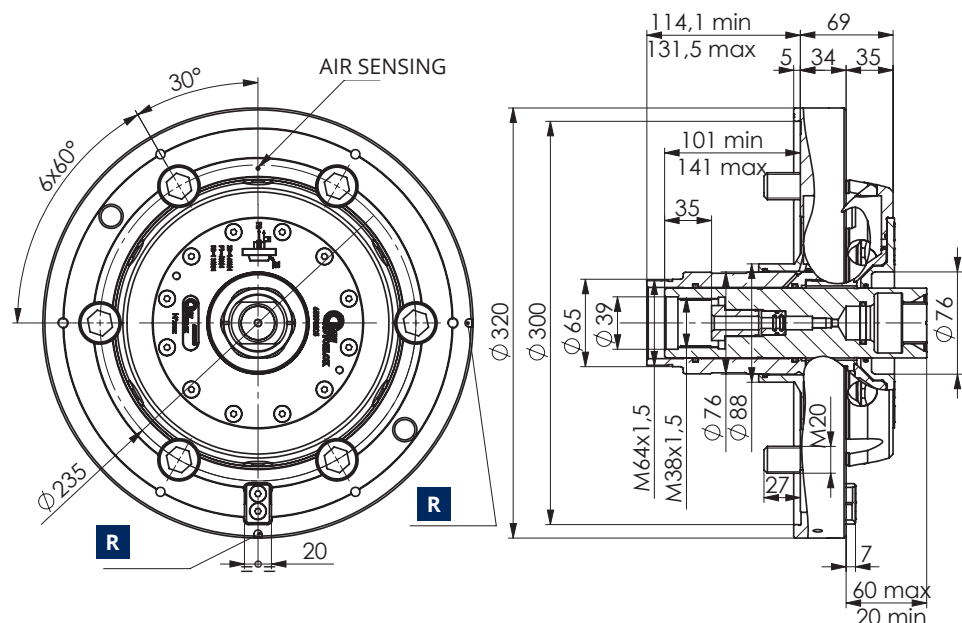
- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 420 and 300 mm total length

3 (***) Diagram is showing the rpm speed depending from:

- total max weight (pallet + chuck or fixture + workpiece).
- max overall dimension Ø 520 and 400 mm total length

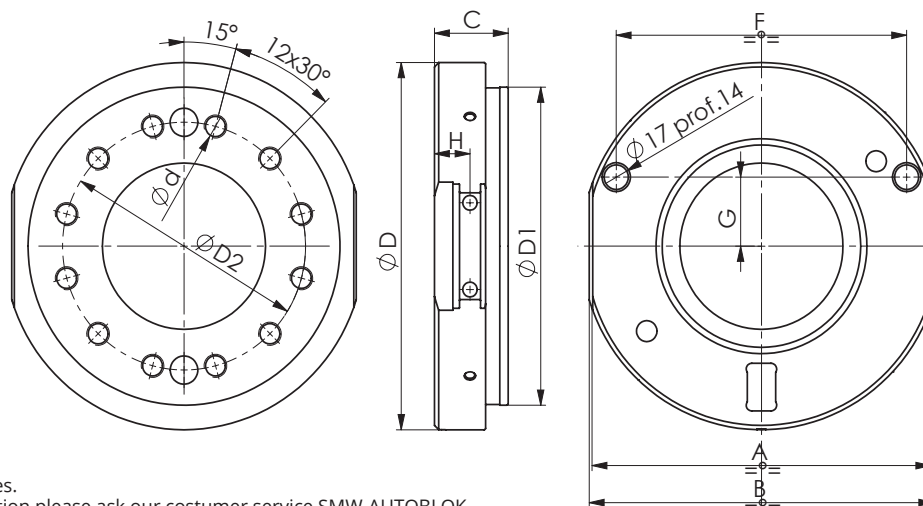
(*) (**) (***) rpm max speed has to be reduced if used chuck type has lower rpm speed

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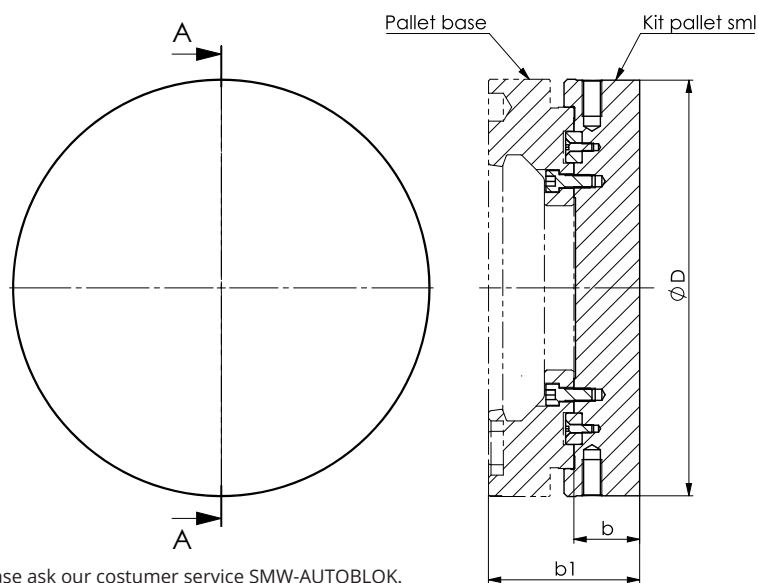
PALLET FOR QUICK CHUCKS CHANGE SYSTEM AT-PM



Subject to technical changes.
For more detailed information please ask our costumer service SMW-AUTOBLOK.

AT-PM MODEL	PALLET ID.No.	$\varnothing D$ pallet mm	$\varnothing D_1$ mm	$\varnothing D_2$ mm	$\varnothing d$ mm	A mm	B mm	C mm	F mm	G mm	H mm	Weight kg
AT-PM 200/170	65622009	206	140	104,8	M10	190	194	54	166,8	38,9	25	6,6
AT-PM 200/170	65612009	206	170	133,4	M12	190	194	52	166,8	38,9	25	6,3
AT-PM 200/170	65632009	206	220	171,4	M16	190	194	52	166,8	38,9	25	6,8
AT-PM 240/220	65622405	254	170	133,4	M12	239	243	52	204,8	47,8	25	11,8
AT-PM 240/220	65612405	254	220	171,4	M16	239	243	52	204,8	47,8	25	12
AT-PM 320/300	65623205	325	220	171,4	M16	304	308	59	262,8	61,3	25	20
AT-PM 320/300	65613205	325	300	235	M20	304	308	54	262,8	61,3	25	18,7
AT-PM 320/300	65633205	378	380	330,2	M24	345	349	55	262,8	61,3	25	31

PALLET SMF



Subject to technical changes.
For more detailed information please ask our costumer service SMW-AUTOBLOK.

AT-PM MODEL	ID.No. KIT PALLET SMF	ID.No. PALLET BASE	$\varnothing D$ mm	b mm	b1 mm	Weight kg
AT-PM 200/170	65502009	65632009	254	40	92	16,5
AT-PM 240/220	65502009	65612405	254	40	92	16,5
AT-PM 320/300	65503205	65613205	354	40	94	32