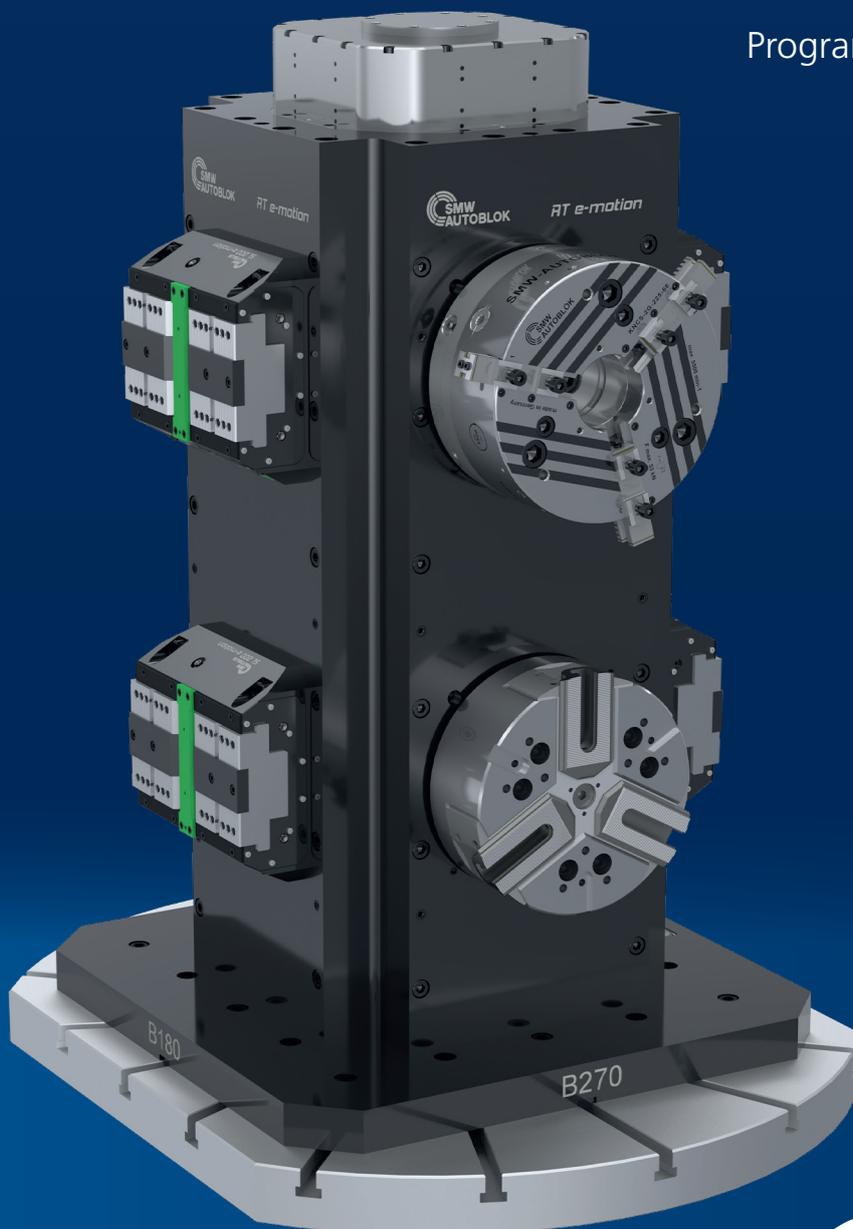


RT *e-motion*

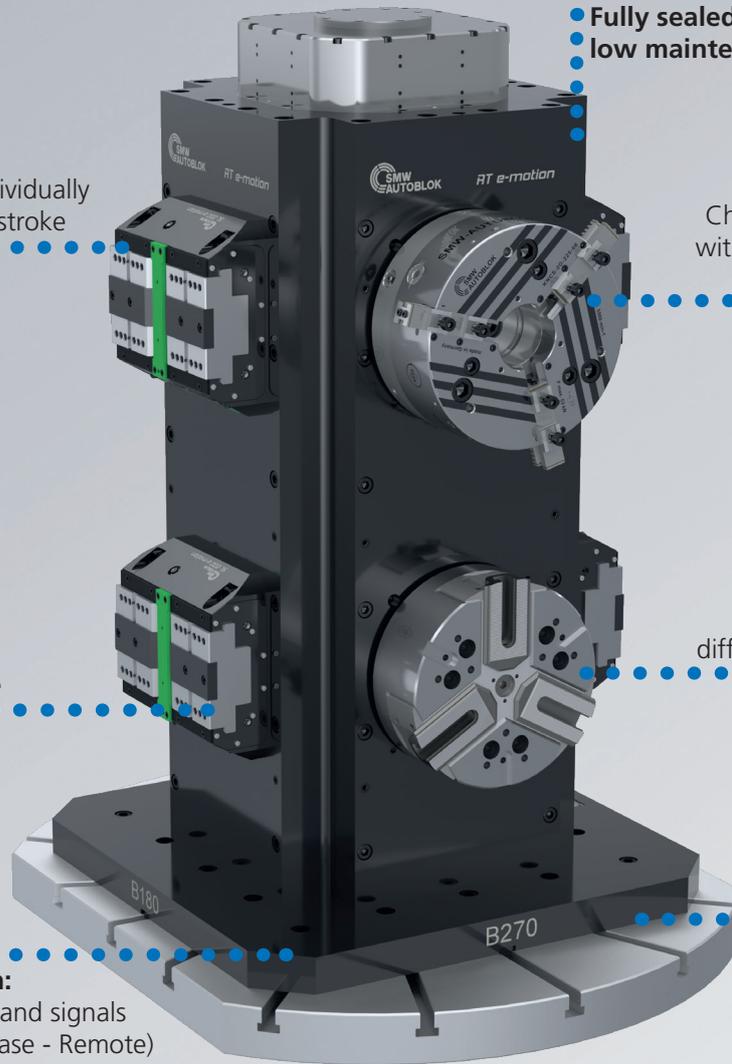
MECHATRONISCHER SPANNTURM

Programmierbare Bewegungsprofile
Energieeffizient
Sensitive Spannung
Plug+Play



RT e-motion

Mechatronic tombstone with 8 integrated drives



- Fully sealed and low maintenance

Flexible:

Each clamping device individually controllable in force and stroke

Sensitive clamping:

Change of clamping force without unclamping of the workpiece

Energy efficient:

Energy only needed while operating the clamping device

Universal:

Can be equipped with different clamping devices

Plug & Play:

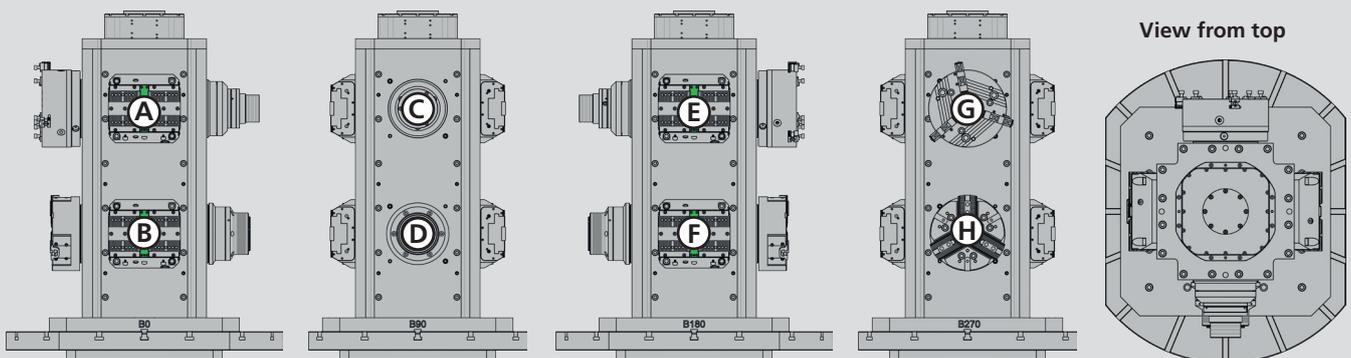
Easy set up

Wireless transmission:

Transmission of energy and signals by inductive Coupler (Base - Remote)

Arrangement of actuating drives

Per clamping station - one actuating drive



Example:
4-sided RT e-motion

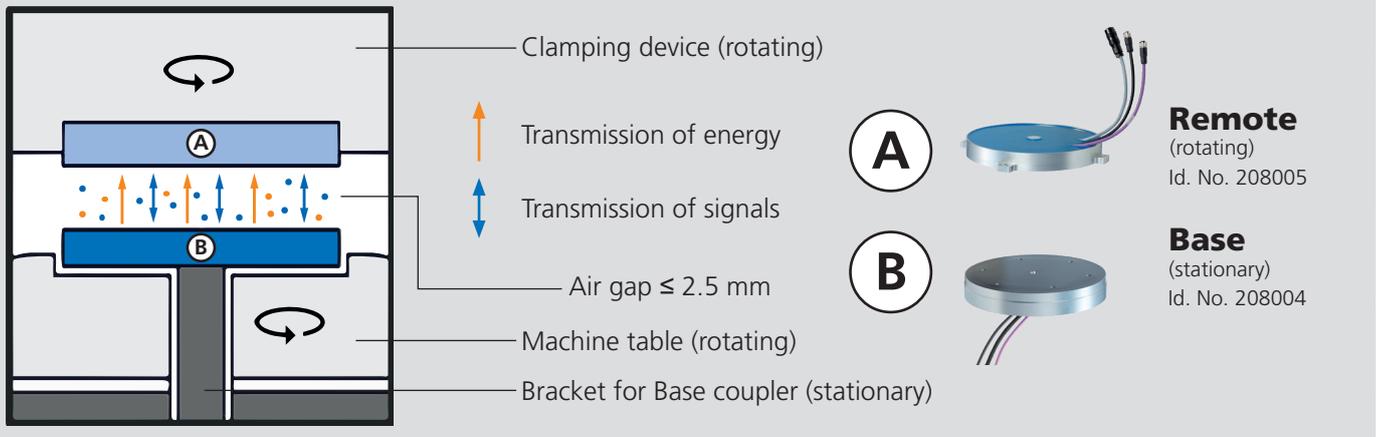
- A) Clamping device 1
- B) Clamping device 2
- C) Clamping device 3
- D) Clamping device 4

- E) Clamping device 5
- F) Clamping device 6
- G) Clamping device 7
- H) Clamping device 8

Each clamping device with own electromechanical drive. All clamping devices are individually configurable.

Function of the inductive coupler

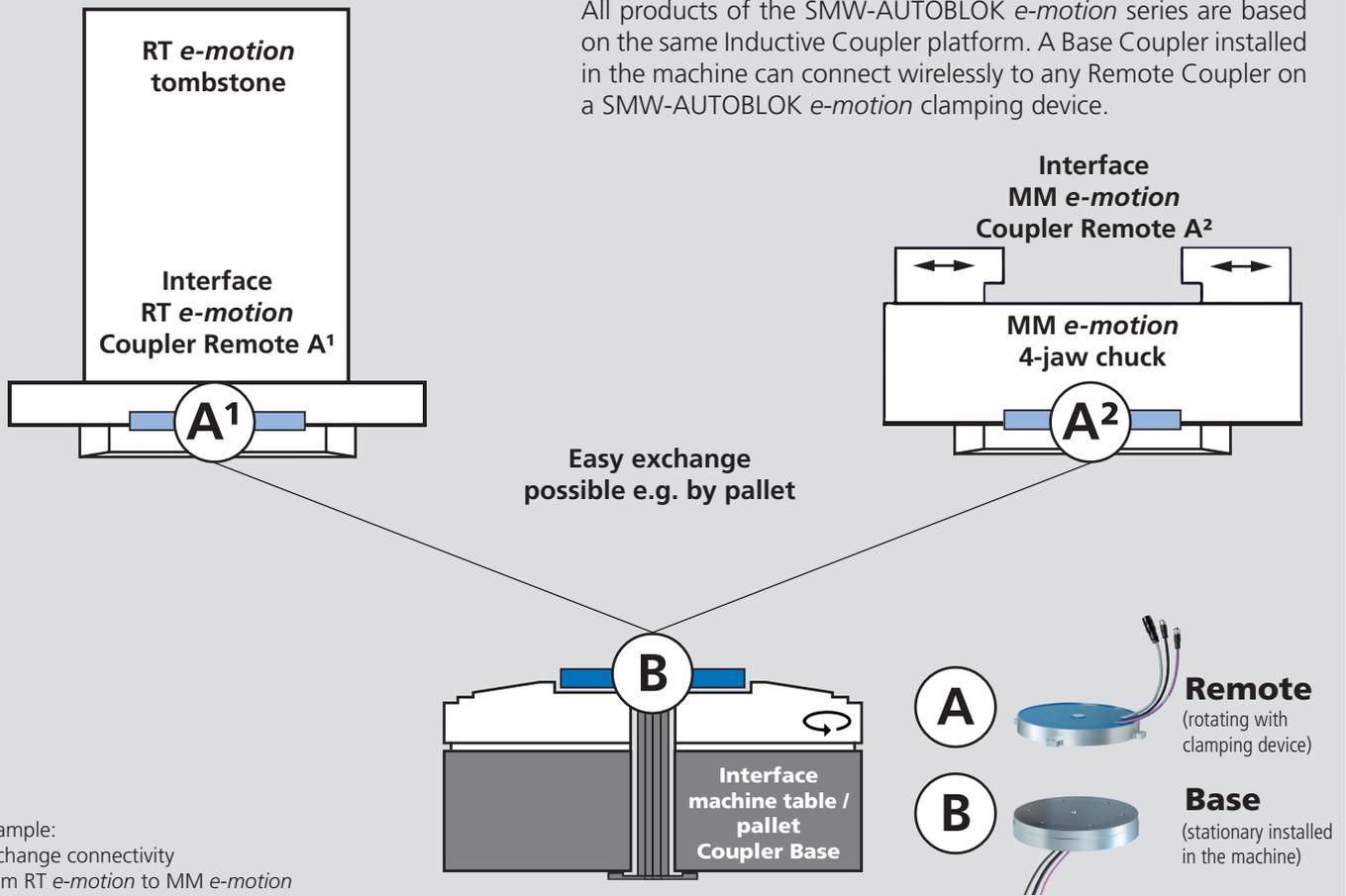
Inductive transmission of energy and signals



Exchange connectivity

Exchange within SMW-AUTOBLOK *e-motion* series possible

All products of the SMW-AUTOBLOK *e-motion* series are based on the same Inductive Coupler platform. A Base Coupler installed in the machine can connect wirelessly to any Remote Coupler on a SMW-AUTOBLOK *e-motion* clamping device.



Example:
Exchange connectivity
from RT *e-motion* to MM *e-motion*

- Each clamping device can be controlled individually
- Contact free transmission of energy and data



Application/customer benefits

- Each clamping device can be controlled individually
- Contact free transmission of energy and signals via inductive Coupler system
- Clamping stations can be equipped individually
- Permanent monitoring of the clamping force and clamping positions
- Various strokes and forces individually programmable
- Plug & Play

Technical data

- Sensitive clamping / change of the clamping force without unclamping the workpiece
- Max. operating force for each clamping device 35 kN
- Axial stroke for each clamping device 21 mm
- **proofline®** = fully sealed – low maintenance

Standard equipment

RT e-motion tombstone incl. actuating drives without clamping device

Occupancy options of the clamping stations

RT e-motion:

Display of tombstone incl. actuating drives without clamping devices.



RT e-motion with clamping devices:

Display of RT e-motion incl. actuating drives with clamping devices.



Different clamping devices

RT e-motion:

- Power vises
- Power chucks
- Pull-down chucks
- Compensating chucks
- Quick jaw change power chucks
- 6-jaw chucks
- Collet chucks
- Grippers
- Mandrels

Plug & Play



RT e-motion
tombstone



F280 Inductive couple
(Base / Remote)



AC-MM controller
(2 pcs. needed)

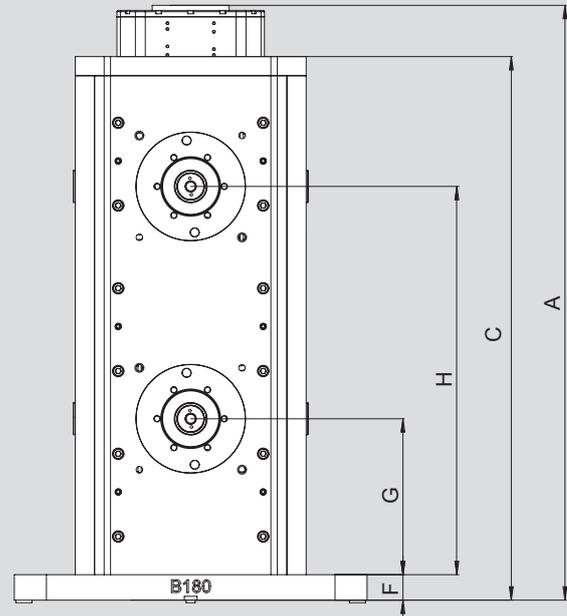
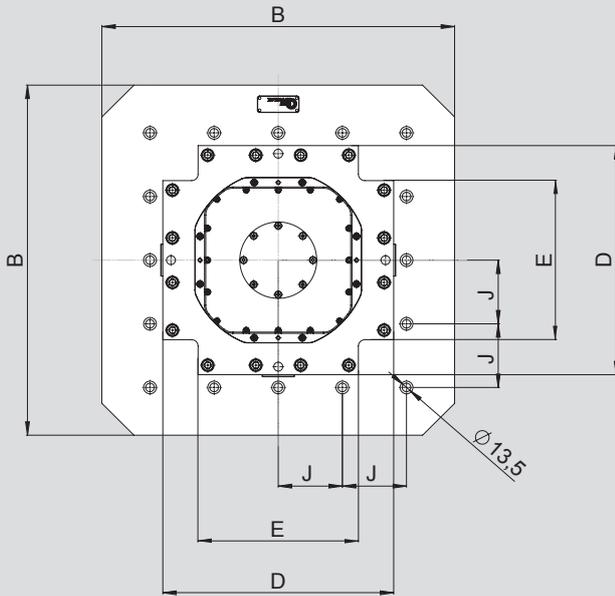


PLC software module
Input mask



HMI Operating
screen

Abmessungen und technische Daten



Technische Änderungen vorbehalten.
Für genauere Informationen steht Ihnen unser Kundenservice gerne zur Verfügung.

Typ		RT e-motion	
Id.-Nr.		463080	
Höhe	A mm	934.5	
Breite	B mm	550	
Höhe Turm	C mm	854	
Gesamtbreite Spannstation	D mm	360	
Auflagebreite Spannstation	E mm	250	
Höhe Grundplatte	F mm	40	
Spannstation	G mm	245	
Spannstation	H mm	610	
Position Befestigungsbohrungen	J mm	100	
Max. Betätigungskraft	kN	35	
Max. effektiver axialer Betätigungshub	mm	21	
Anzahl Spannstationen	Stk.	8	
Gewicht (ohne Spannmittel)	kg	485	

Kundenspezifische Ausführungen auf Anfrage.

Notes

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