

PASSION FOR AUTOMATION

 WEMO.

+ E1 -

 W

Wemo Smartdrive 2.0

Servo linear axes

- E4 +

 WEMO



SMARTDRIVE
2.0

WWW.WEMOGROUP.COM



The design of our Servo linear axes is based on over 30 years of experience in robot manufacturing and flexible automation. That's why we've chosen to develop and produce our own modulized servo linear axes. The range of axes consist of 6 standard solutions from one axes- to three axes- configurations. **We call this concept- Smartdrive 2.0**



Globally present

The Wemo Automation Group is a globally present robotmanufacturer. We have an active and well-trained network of sales and support in more than 40 countries around the world. Since 2015 Wemo group is a member of Hahn Group.



Own internal manufacturing

Our high efficient and own internal manufacturing department with most modern machining of precision parts for highest level of quality.



Competence in Automation

Wemo can supply everything from single components to complete automation.



Capacity

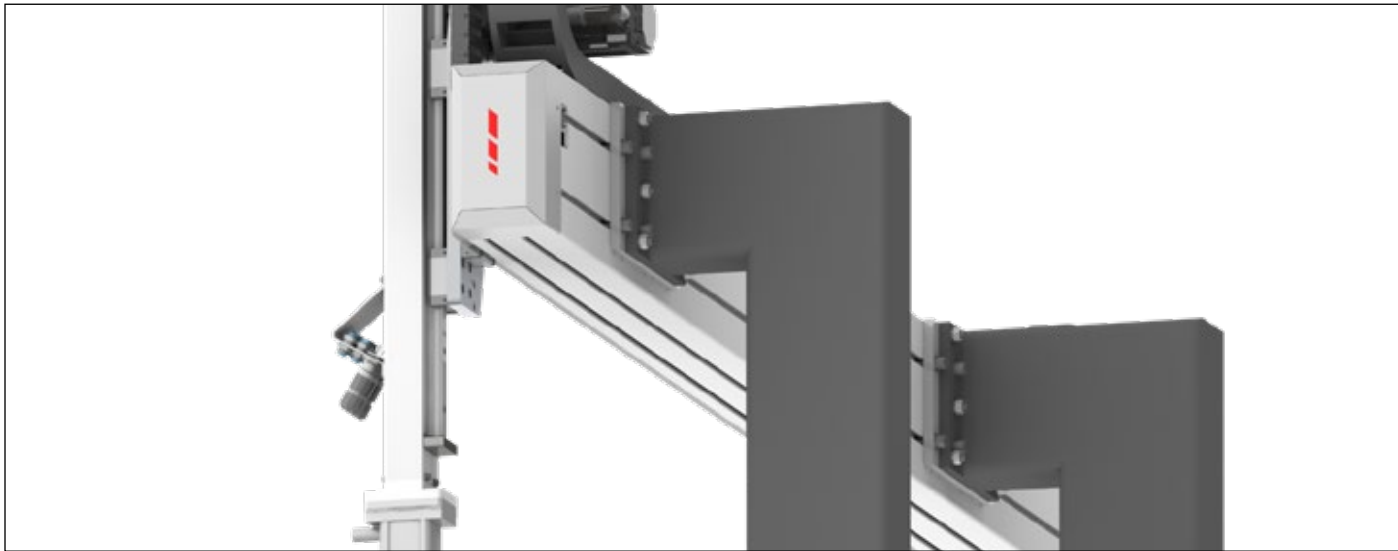
Our modern automation factory with high efficient flow result in high capacity in our manufacturing. This result in short lead times, fast and smooth delivery of your components.

Page 2-3	About Wemo
Page 4-9	Advantages & overview Wemo Smartdrive 2.0
Page 10-15	Example of applications
Page 16-29	Technical data Smartdrive combinations
Page 30-31	About the Smartdrive 2.0 main profile
Page 32-37	Accessories to Smartdrive 2.0
Page 38	Configurations
Page 39	Info CAD models

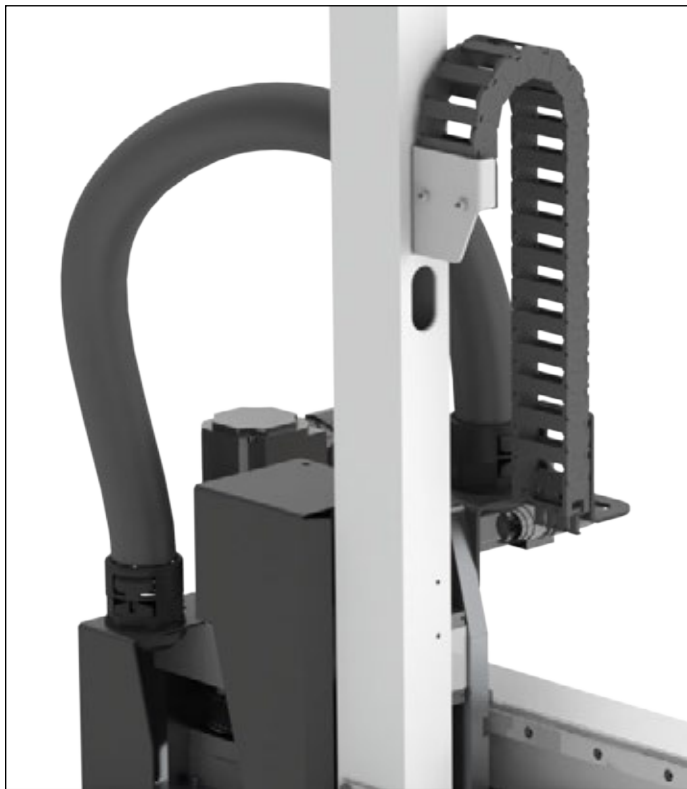


The Wemo Smartdrive 2.0- design is based on long experience of material handling in robotic cells. High payload in fast speed during precise positioning and repetition accuracy.

Advantages:



Rigid profile in anodised aluminium with tracks at 2 sides for easy assembly.



Ready-to-install complete systems, including energy chains for cables and tubing.



Double linear guides with four wagons for high payload and precision.

Our highly dynamic mechanical systems with integrated energy chain are available in numerous sizes and strokes. In all axes, it's standard with planetary gearboxes for high efficiency output.

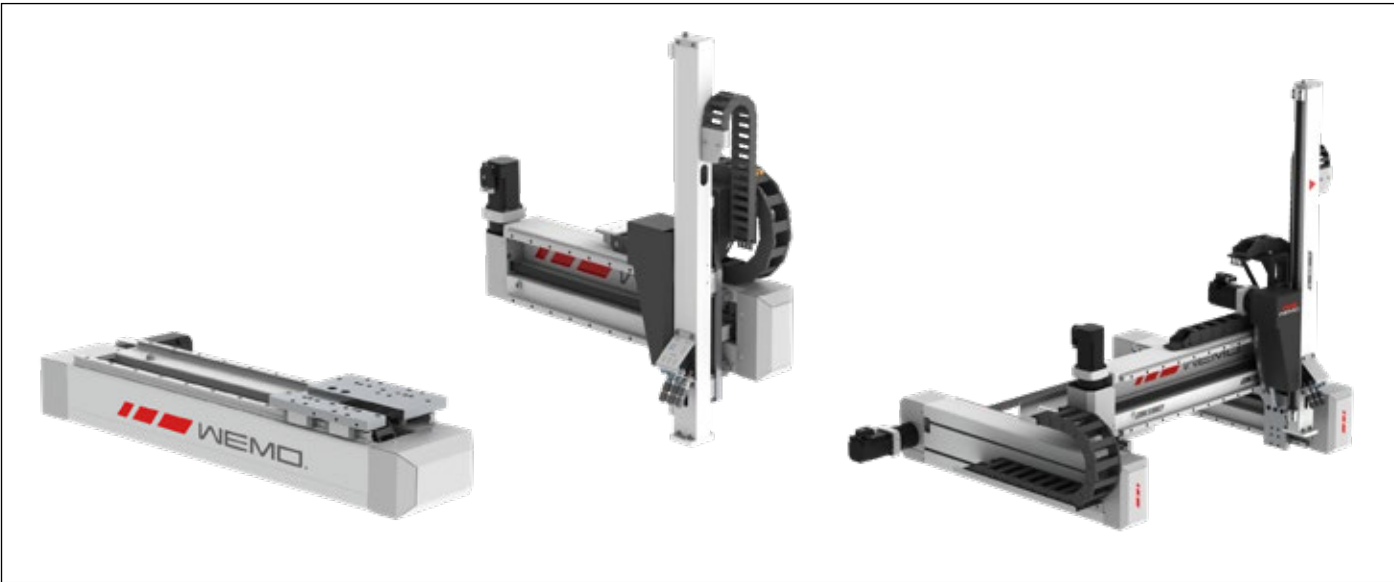
Advantages:



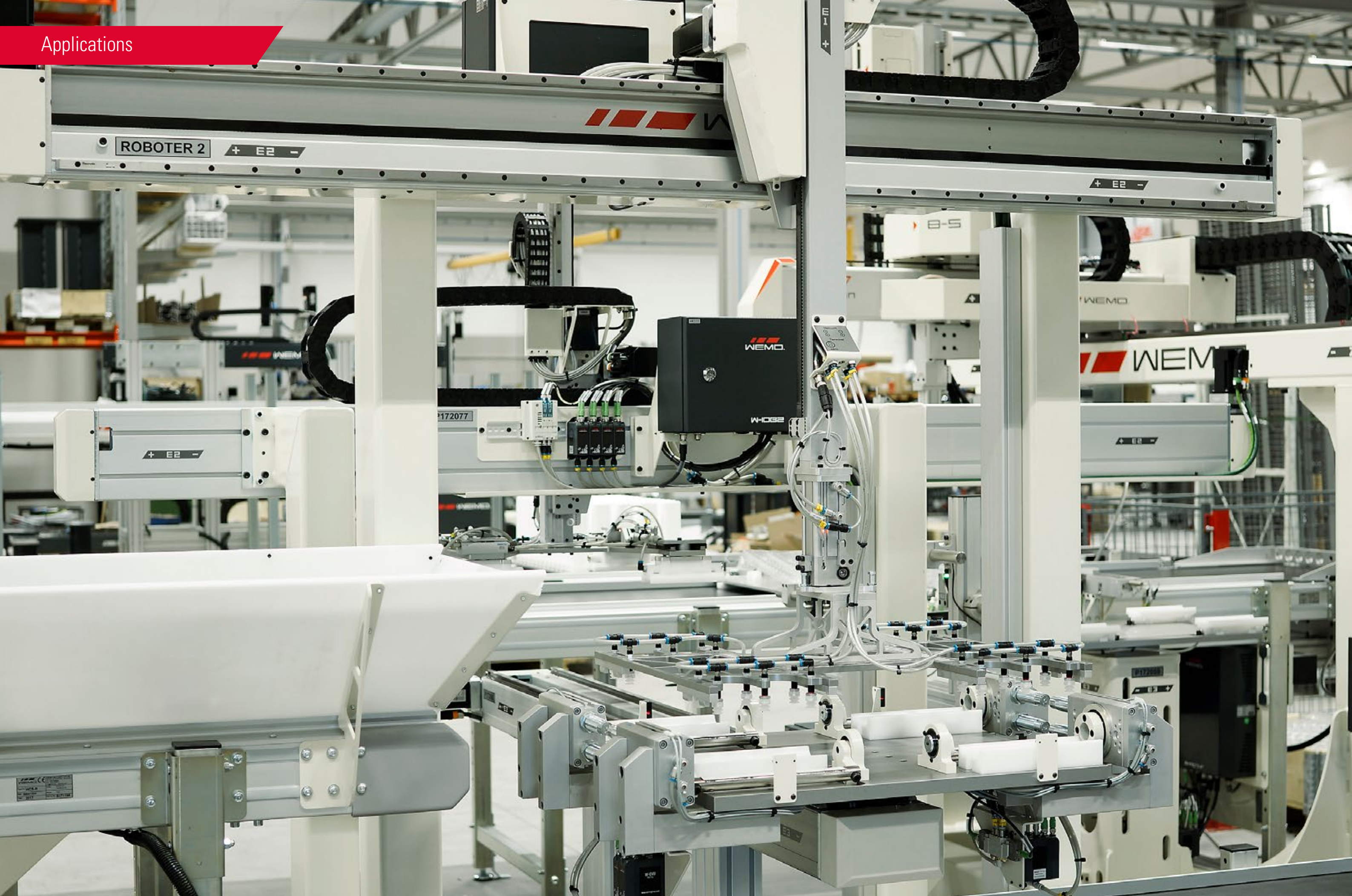
Belt transmission with lowest noise level.



The gearbox adapters can be ordered for different brands and types of servomotors.



Compact design and available in different sizes and variants.





W-SS1
Single Shuttle for 1 axis horizontal movement



W-DP2
Dual Pick-&-Place for 2 axis movement

W-SD1
Single Drive for 1 axis vertical movement



W-TP3
Triple Pick-&-Place for 3 axis movement



W-TG3
Triple Gantry for 3 axis movement



W-DD2
Dual Drive for 2 axis movement

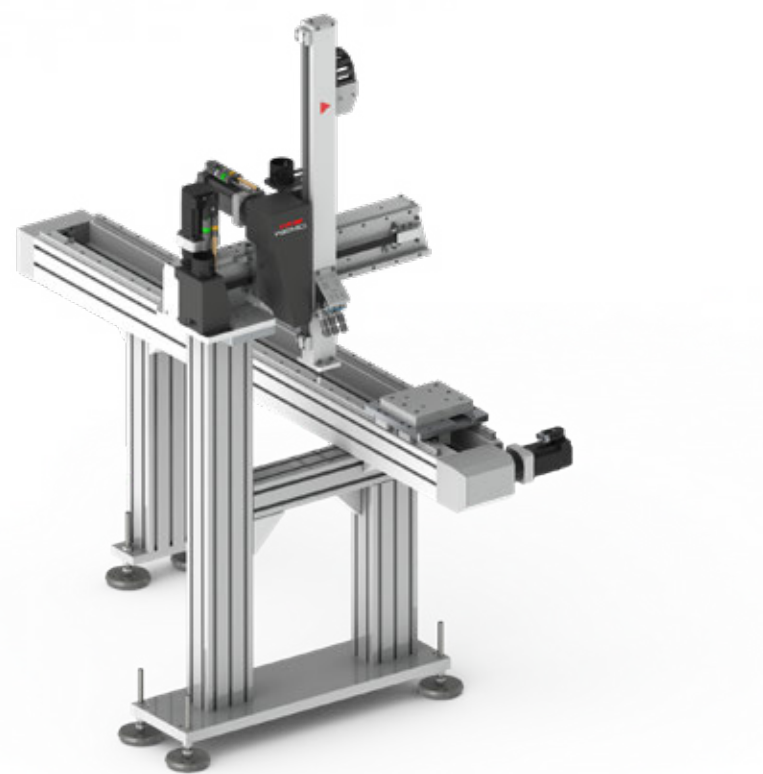


Example of applications:

W-SS1
Shuttle solution for transportation of fixture



W-SS1
Shuttle with fixture for feeding of insert parts



Example of applications:

W-SS1
Shuttle solution for between 2 robots



W-SS1
Shuttle for transportation before packing in boxes



Example of applications:

W-DD2

Two axes handling for vision inspection

**W-DP2**

Two axes pick & place handling for feeding packing station



Example of applications:

W-DP2

Two axes pick & place handling for turn-table application

**W-DD2**

Two axes handling for assembly parts in fixture station



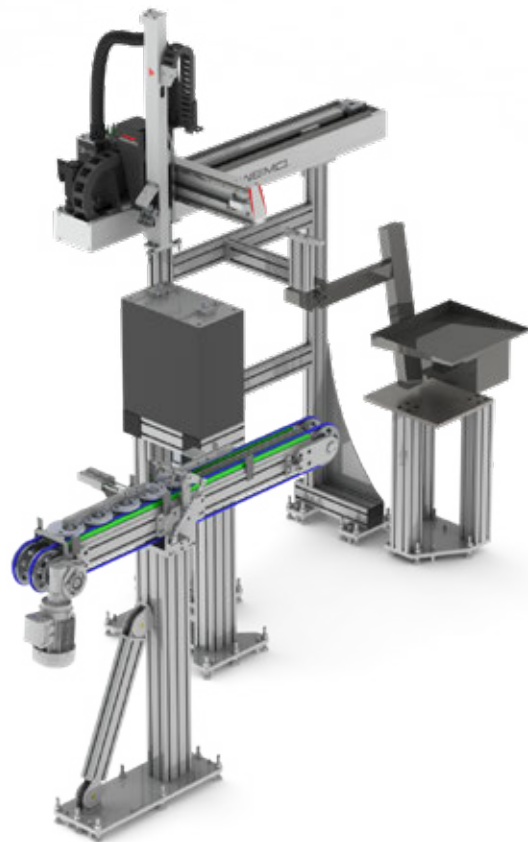
Example of applications:

W-TP3

Three axes handling for handling parts from Bowl feeder to fixture

**W-TP3**

Three axes handling for handling parts from feeding to assembly station



Example of applications:

W-TG3

Three axes gantry for handling from bowlfeeder to pre heating station

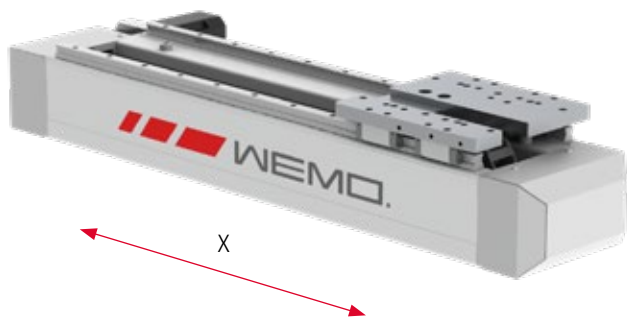
**W-TG3**

Three axes gantry for handling insertparts to assembly station





Technical data:



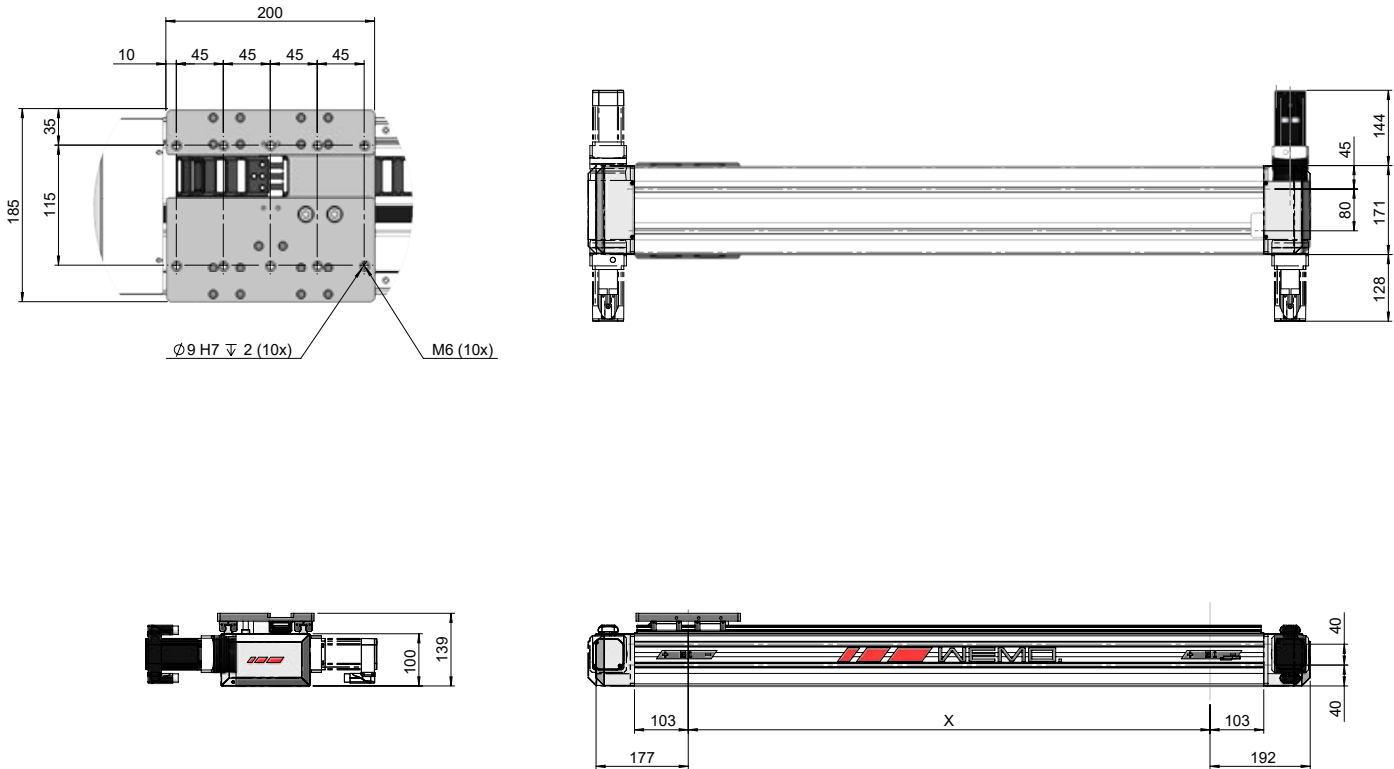
Standard configuration:

One axis linear shuttle unit with belt transmission. Payload: 20 kg
Aluminium profile with possibility for attachment on rear side and bottom of the profile.
2 linear guides (size: 15) and 4 runner blocks mounted on a horizontal carriage.
Stroke as standard: X=500 mm, available to extend in steps of +250 mm, up to maximum stroke 3000 mm.
Planetary gearbox with belt transmission.
Integrated cable chain (inside dim: WxH=30x14) Radius=28 mm.

Standard configuration		Data
Model type		W-SS1
Max. Handling weighth ¹⁾	Kg	20
Type of transmission		Belt AT5
Gearbox		Planetary gearbox Ratio= 1:5
Pulley diameter	mm	Ø 47,75
Returning wheel	mm	Ø 47,75
Internal moving mass ²⁾ X	Kg	2,3
Product weight at 500 mm stroke ³⁾	Kg	13,9
Additional weight per + 250 mm	Kg	4,3
Max. output torque Gearbox X	Nm	40
Max. Speed	m/s	2,7
Max Acceleration X	m/s ²	15
Minimum cycle time ⁴⁾	sec	1,4
Repetition accuracy	mm	± 0,1
Weight X=500 mm	Kg	14
Additional weight per X=250 mm stroke	Kg	3,4
Noice level	dBA	72

- 1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage
3) Internal weight of Standard X-axis 500 mm excluding handling weighth & motor
4) Cycletime calculated for X=1000mm forward & return

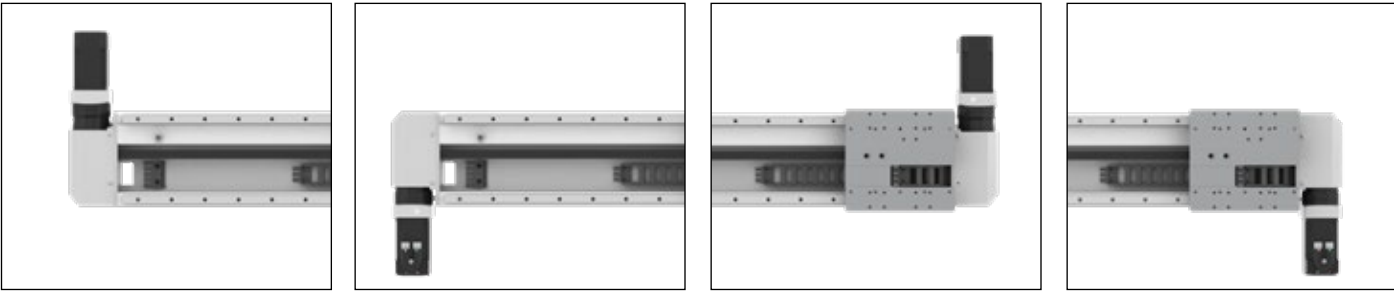
Dimensions:



Stroke length:

Axes		Stroke lengths
Modeltype		W-SS1
Stroke horizontal (X) standard	mm	500
Extended stroke horizontal (X)	mm	750,1000,1250...3000

Motor attachment variants:



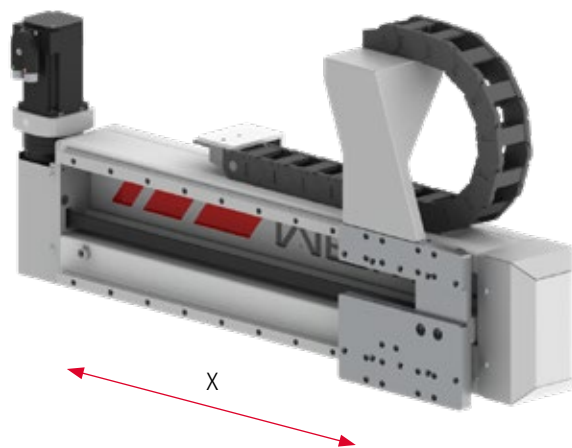
W-SS1-xxxx-01-xx

W-SS1-xxxx-02-xx

W-SS1-xxxx-03-xx

W-SS1-xxxx-04-xx

Technical data:



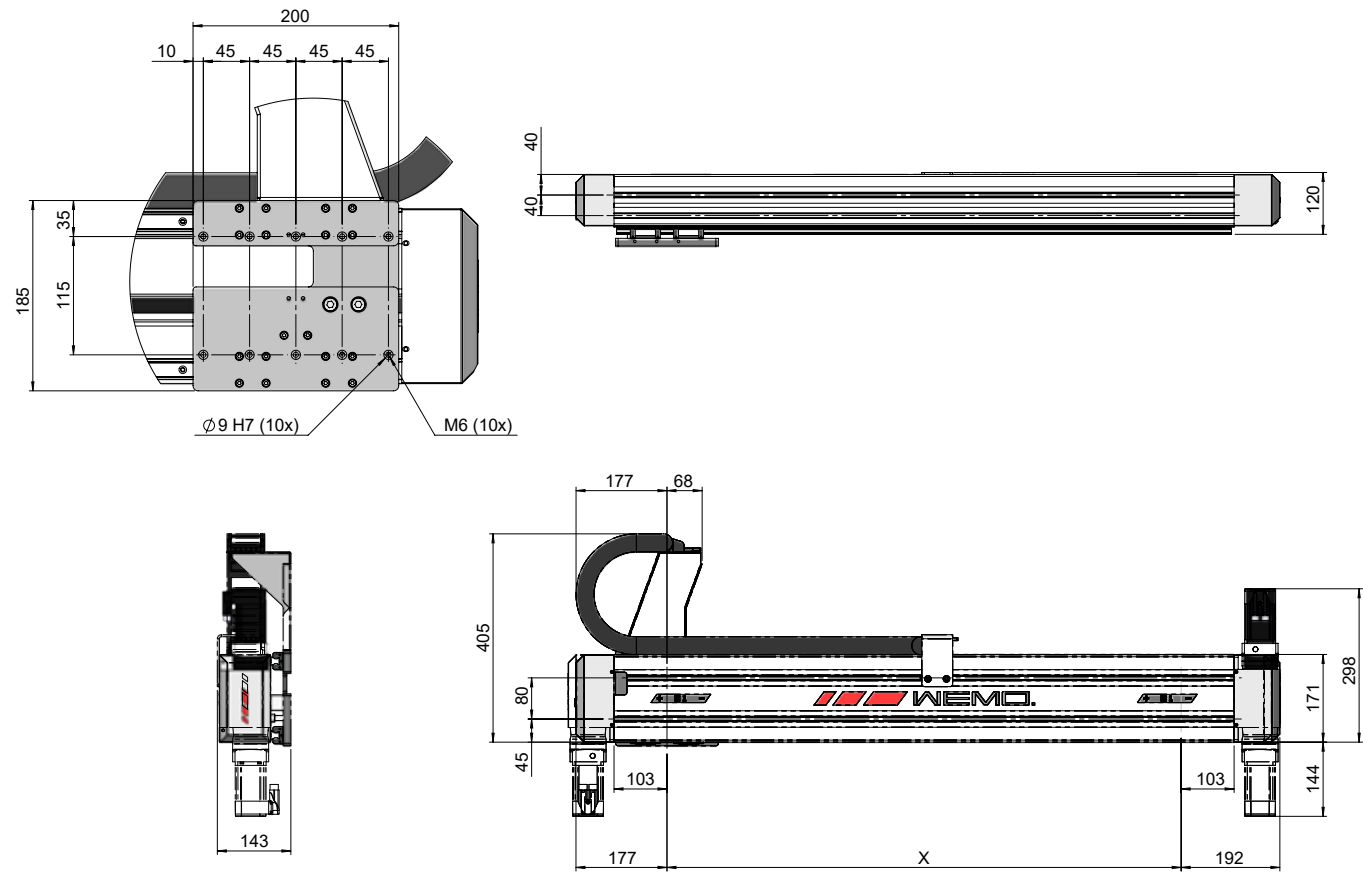
Standard configuration:

One axis linear drive unit with belt transmission. Payload: 20 kg
Aluminium profile with possibility for attachment on rear side and bottom of the profile.
2 linear guides (size: 15) and 4 runner blocks mounted on a horizontal carriage.
Stroke as standard: X=500 mm, available to extend in steps of +250 mm, up to maximum stroke 3000 mm.
Planetary gearbox with belt transmission.
Top mounted cable chain (inside dim: WxH=38x25), Radius=100 mm

Standard configuration		Data
Model type		W-SD1
Max. Handling weigh ¹⁾	Kg	20
Type of transmission		Belt AT5
Gearbox		Planetary gearbox Ratio= 1:5
Pulley diameter	mm	Ø 47,75
Returning wheel	mm	Ø 47,75
Internal moving mass ²⁾ X	Kg	2,5
Product weight at 500 mm stroke ³⁾	Kg	14,8
Additional weight per + 250 mm	Kg	4,3
Max. output torque gearbox X	Nm	40
Max. Speed	m/s	2,7
Max Acceleration X	m/s ²	15
Minimum cycle time ⁴⁾	sec	1,4
Repetition accuracy	mm	± 0,1
Weight X=500 mm	Kg	15,2
Additional weight per X=250 mm stroke	Kg	3,4
Noise level	dBA	72

- 1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage
3) Internal weight of Standard X-axis 500 mm excluding handling weighth & motor
4) Cycletime calculated for X=1000 mm forward & return

Dimensions:



Stroke length:

Axes		Stroke lenghts
Modeltype		W-SD1
Stroke horizontal (X) standard	mm	500
Extended stroke horizontal (X)	mm	750,1000,1250...3000

Motor attachment variants:

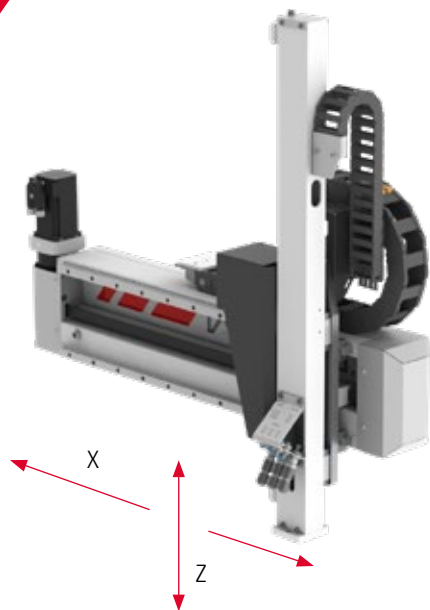


W-SD1-xxxx-01-xx

W-SD1-xxxx-02-xx

W-SD1-xxxx-03-xx

Technical data:



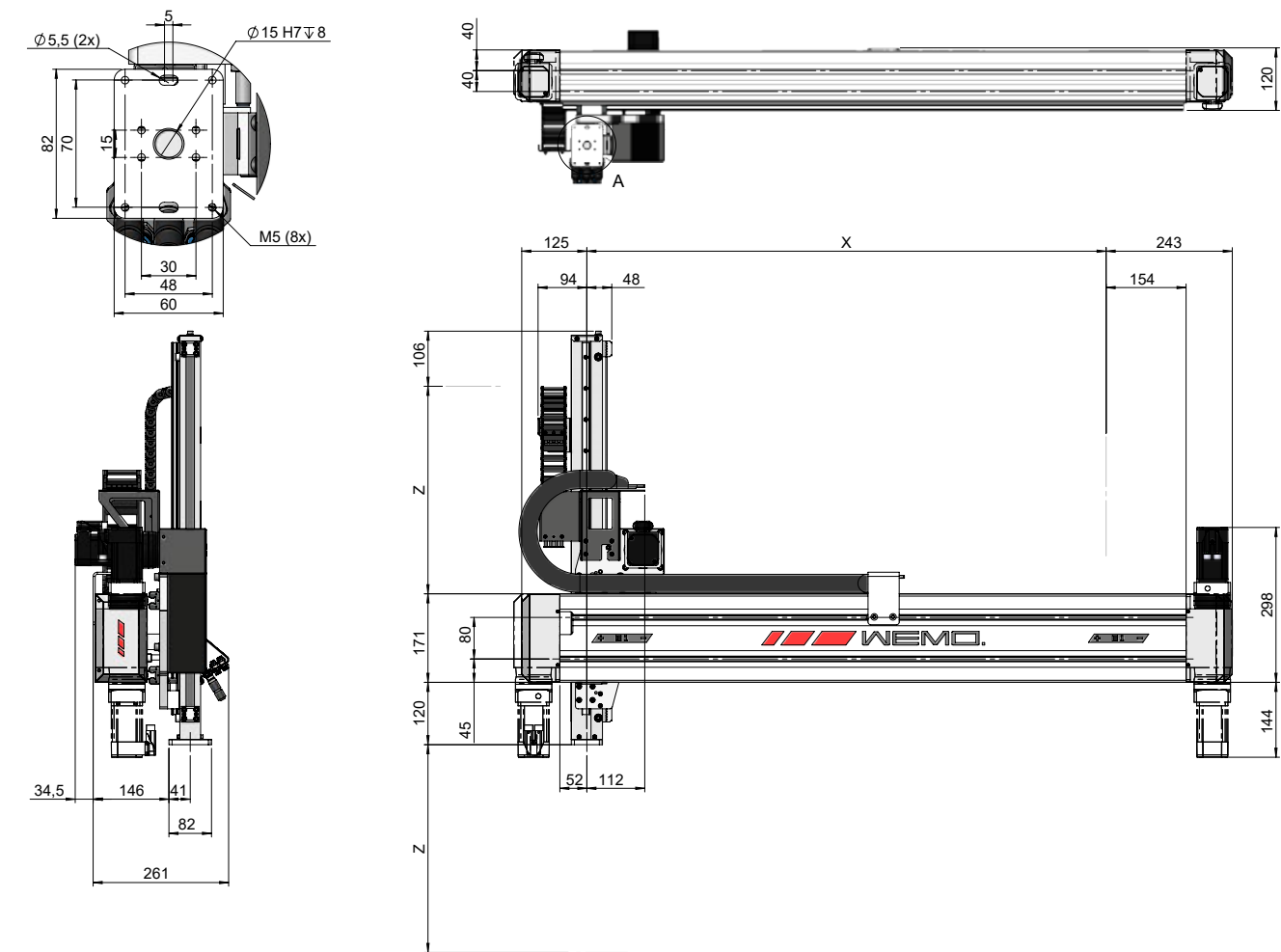
Standard configuration:

Two axes Pick-&-Place concept with belt transmission. Payload: 10 kg
Aluminium profile with possibility for attachment on rear side and bottom of the profile.
2 linear guides (size: 15) and 4 runner blocks mounted on a horizontal carriage.
Stroke as standard: X=500 mm, available to extend in steps of +250 mm, up to maximum stroke 3000 mm.
1 linear guide (size 15) and 2 runner blocks for the vertical axis.
Stroke as standard: Z=400 mm, available to extend in steps of +200 mm, up to maximum stroke 1000 mm.
Planetary gearbox with belt transmission in all axes.
Horizontal mounted cable chain (inside dim: WxH=38x25) R=100
Vertical mounted cable chain (inside dim: WxH=40x14) R=38

Standard configuration		Data
Model type		W-DD2
Max. Handling weigh ¹⁾	Kg	5
Type of transmission		Belt AT5
Gearbox X		Planetary gearbox Ratio= 1:5
Pulley diameter X	mm	Ø 47,75
Returning wheel X	mm	Ø 47,75
Gearbox Z		Planetary gearbox Ratio= 1:10
Pulley diameter Z	mm	Ø 66,85
Deflecting wheel Z	mm	Ø 50
Internal moving mass ²⁾ X	Kg	8,5
Internal moving mass ³⁾ Z	Kg	3,4
Aditonal weight in Z/+200 mm	Kg	0,6
Max. output torque Gearbox X	Nm	40
Max. output torque Gearbox Z	Nm	40
Max. Speed X	m/s	2,7
Max. Speed Z	m/s	2,7
Max Acceleration X	m/s ²	15
Max Acceleration Z	m/s ²	20
Minimum cycle time ⁴⁾	sec	2,1
Repetion accuracy	mm	± 0,1
Weight X=500 mm, Z=400 mm	Kg	22,6
Additional weight per X=250 mm stroke	Kg	3,4
Additional weight per Z=200 mm stroke	Kg	0,6
Noice level	dBA	72

- 1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage + Standard Z-axis 400 mm excluding handlingweighth
3) Internal weight of Standard Z-axis 400 mm excluding handlingweighth
4) Cycletime calculated for forward X=1000 mm, Z=400 up & down and X=1000 return

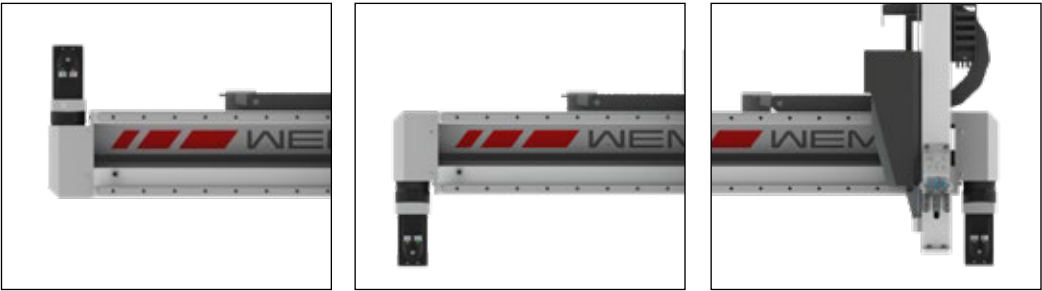
Dimensions:



Stroke length:

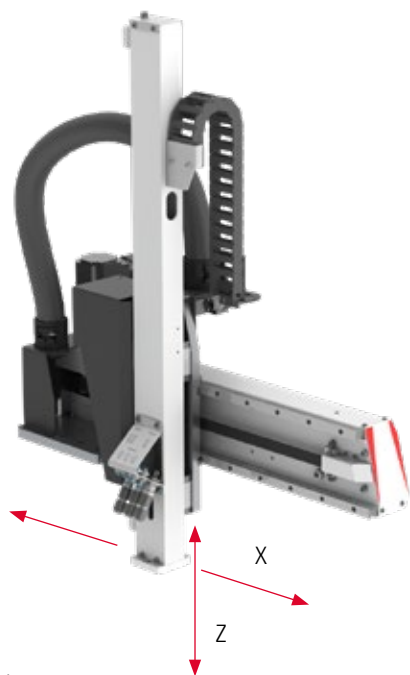
Axes		Stroke lengths
Modeltype		W-DD2
Stroke horizontal (X) standard	mm	500
Extended stroke horizontal (X)	mm	750,1000,1250...3000
Stroke vertical (Z) standard	mm	400
Extended stroke vertical (Z)	mm	400,600,800,1000

Motor attachment variants:



W-DD2-xxxx-xxxx-01-xx W-DD2-xxxx-xxxx-02-xx W-DD2-xxxx-xxxx-03-xx

Technical data:



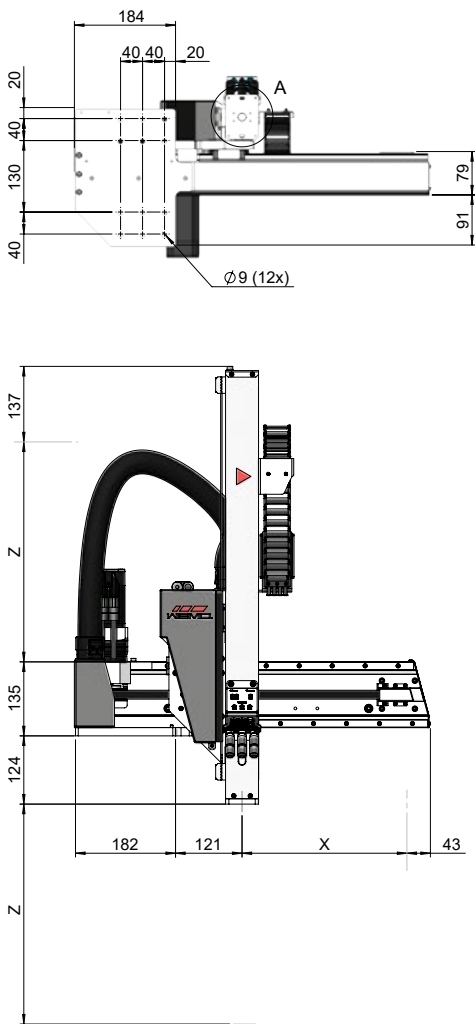
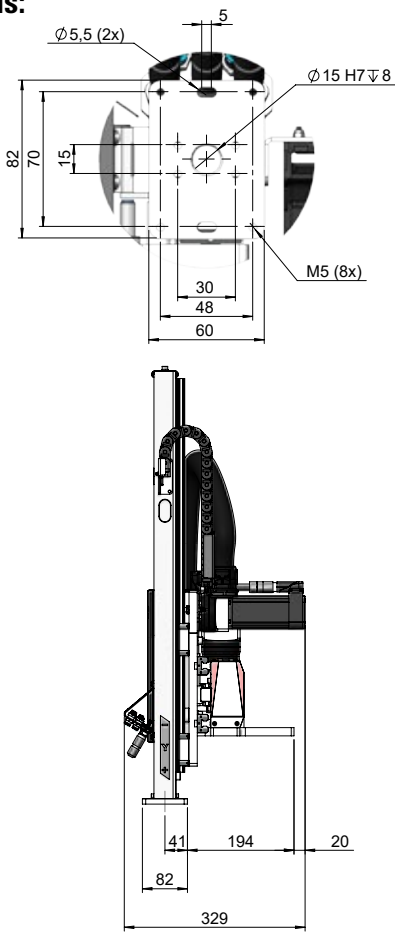
Standard configuration:

Two axes Pick-&-Place concept with belt transmission. Payload: 5 kg
Aluminium profile with adapter plate for attachment under the mounting plate.
2 linear guides (size: 15) and 3 runner blocks mounted on a vertical carriage.
Stroke as standard: X=300 mm, available to extend with +120 mm, up to maximum stroke 420 mm.
1 linear guide (size 15) and 2 runner blocks for the vertical axis.
Stroke as standard: Z=400 mm, available to extend in steps of +200 mm, up to maximum stroke 1000 mm.
Planetary gearbox with belt transmission
Horizontal cable protection tube (inside diam: 38 mm)
Vertical mounted cable chain (inside dim: WxH=40x14)

Standard configuration		Data
Model type		W-DP2
Max. Handling weigh ¹⁾	Kg	5
Type of transmission		Belt AT5
Gearbox X		Planetary gearbox Ratio= 1:10
Pulley diameter X	mm	Ø 66,85
Returning wheel X	mm	Ø 56
Gearbox Y		Planetary gearbox Ratio= 1:10
Pulley diameter Z	mm	Ø 66,85
Deflecting wheel Z	mm	Ø 50
Internal moving mass ²⁾ X	Kg	8,5
Internal moving mass Z ³⁾	Kg	3,4
Aditonal weight in X/+120 mm	Kg	0,9
Additional weight in Z/+200 mm	Kg	0,6
Max. output torque Gearbox X	Nm	40
Max. output torque Gearbox Z	Nm	40
Max. Speed X	m/s	1,25
Max. Speed Z		2,7
Max Acceleration X	m/s ²	10
Max Acceleration Z	m/s ²	20
Minimum cycle time ⁴⁾	sec	2,1
Repetition accuracy	mm	± 0,1
Weight X=300 mm, Z=400 mm	Kg	22,6
Additional weight per X=120 mm stroke	Kg	0,9
Additional weight per Z=200 mm stroke	Kg	0,6
Noice level	dBA	70

- 1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage + Standard Z-axis 400 mm excluding handlingweighth
3) Internal weight of Standard Z-axis 400 mm excluding handlingweighth
4) Cycletime calculated for forward X=300 mm, Z=400 up & down and X=300 return

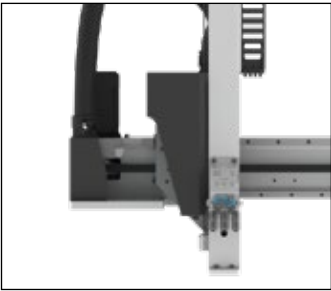
Dimensions:



Stroke length:

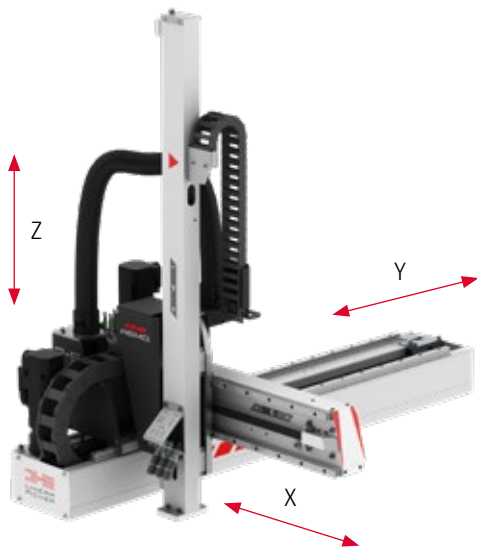
Axes		Stroke lengths
Modeltype		W-DP2
Stroke horizontal (X) standard	mm	300
Extended stroke horizontal (X)	mm	420
Stroke vertical (Z) standard	mm	400
Extended stroke vertical (Z)	mm	600,800,1000

Motor attachment variants:



W-DP2-xxxx-xxxx-01-xx

Technical data:



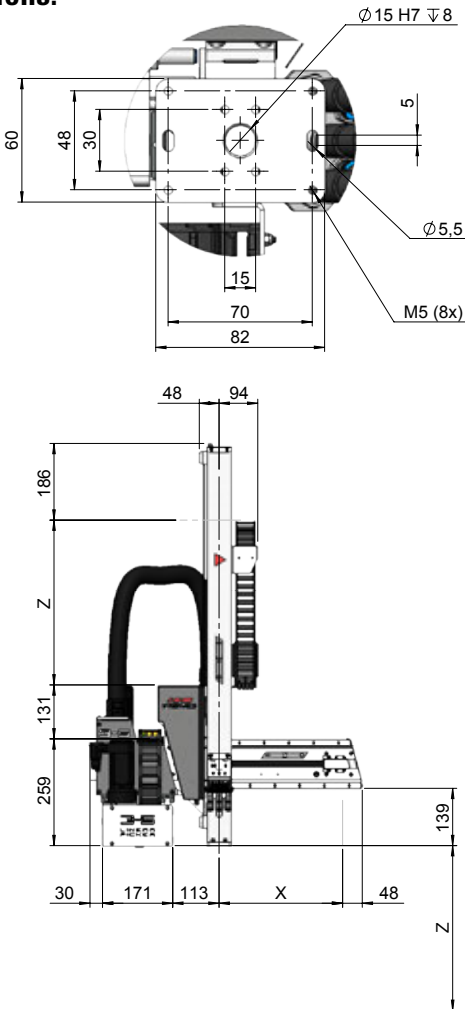
Standard configuration:

Three axes Pick-&-Place concept with belt transmission. Payload: 5 kg
Aluminium profile with possibility for attachment on rear side and bottom of the profile.
2 linear guides (size: 15) and 4 runner blocks mounted on a horizontal carriage.
Stroke as standard: Y=500 mm, available to extend in steps of +250 mm, up to maximum stroke 3000 mm.
2 linear guides (size: 15) and 3 runner blocks mounted on a vertical carriage.
Stroke as standard: X=300 mm, available to extend with +120 mm, up to maximum stroke 420 mm.
1 linear guide (size 15) and 2 runner blocks
Stroke as standard: Z=400 mm, available to extend in steps of +200 mm, up to maximum stroke 1000 mm.
Planetary gearbox with belt transmission in all axes.
Horizontal mounted cable chain (inside dim: WxH=38x25) R=100
Horizontal cable protection tube (inside diam:38 mm)
Vertical mounted cable chain (inside dim: WxH=40x14) R=38

Standard configuration		Data
Model type		W-TP3
Max. Handling weigh ¹⁾	Kg	5
Type of transmission		Belt AT5
Gearbox X		Planetary gearbox Ratio= 1:10
Pulley diameter X	mm	Ø 66,85
Returning wheel X	mm	Ø 56
Gearbox Y		Planetary gearbox Ratio= 1:10
Pulley diameter Y	mm	Ø 47,75
Returning wheel Y	mm	Ø 47
Gearbox Z		Planetary gearbox Ratio= 1:10
Pulley diameter Z	mm	Ø 66,85
Deflecting wheel Z	mm	Ø 50
Internal moving mass X ²⁾	Kg	8,5
Internal moving mass Y ³⁾	Kg	18,5
Internal moving mass Z ⁴⁾	Kg	3,4
Additional weight in X/+120 mm	Kg	0,9
Additional weight in Z/+200 mm	Kg	0,6
Max. output torque Gearbox X	Nm	40
Max. output torque Gearbox Y	Nm	40
Max. output torque Gearbox Z	Nm	40
Max. Speed X	m/s	1,25
Max. Speed Y	m/s	1,25
Max. Speed Z	m/s	2,7
Max Acceleration X	m/s ²	10
Max Acceleration Y	m/s ²	10
Max Acceleration Z	m/s ²	20
Minimum cycle time ⁵⁾	sec	2,5
Repetition accuracy	mm	± 0,1
Weight X=300 mm,Y=500 mm,Z=400 mm	Kg	41,6
Additional weight per X=120 mm stroke	Kg	0,9
Additional weight per Y=250 mm stroke	Kg	1,8
Additional weight per Z=200 mm stroke	Kg	0,6
Noice level	dBA	75

- 1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage + Standard Z-axis 400 mm excluding handlingweigh
3) Internal weight of X beam+ X carriage + Standard Z-axis 400 mm excluding handlingweigh
4) Internal weight of Standard Z-axis 400 mm excluding handlingweigh
5) Cycletime calculated for forward Y=1000 mm, X=300, Z=400 up & down, X=300 return and X=1000 return

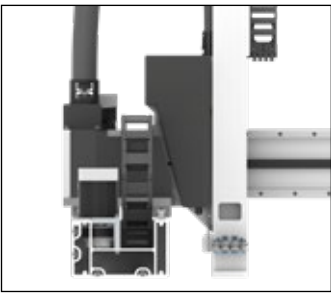
Dimensions:



Stroke length:

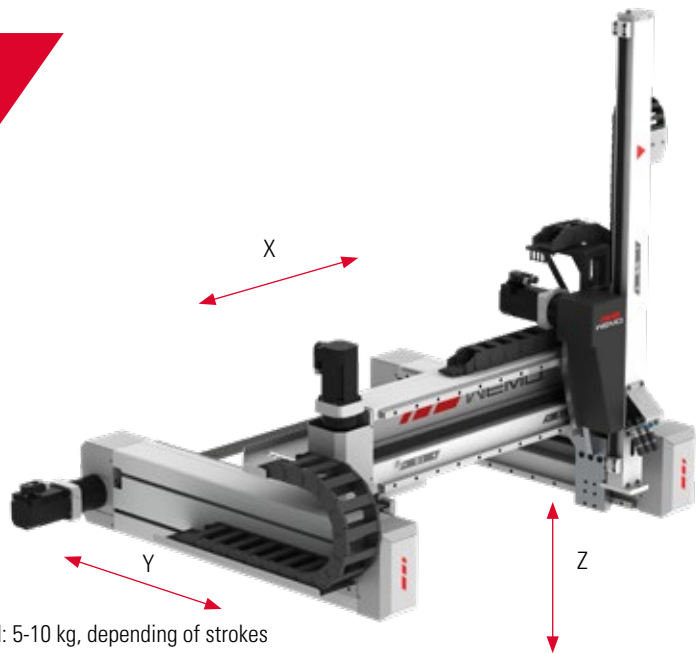
Axes		Stroke lengths
Model type		W-TP3
Stroke horizontal (X) standard	mm	300
Extended stroke horizontal (X)	mm	420
Stroke horizontal (Y) standard	mm	500
Extended stroke horizontal (Y)	mm	750,1000,1250...3000
Stroke vertical (Z) standard	mm	400
Extended stroke vertical (Z)	mm	600,800,1000

Motor attachment variants:



W-TP3-xxxx-xxxx-xxx-01-xx

Technical data:



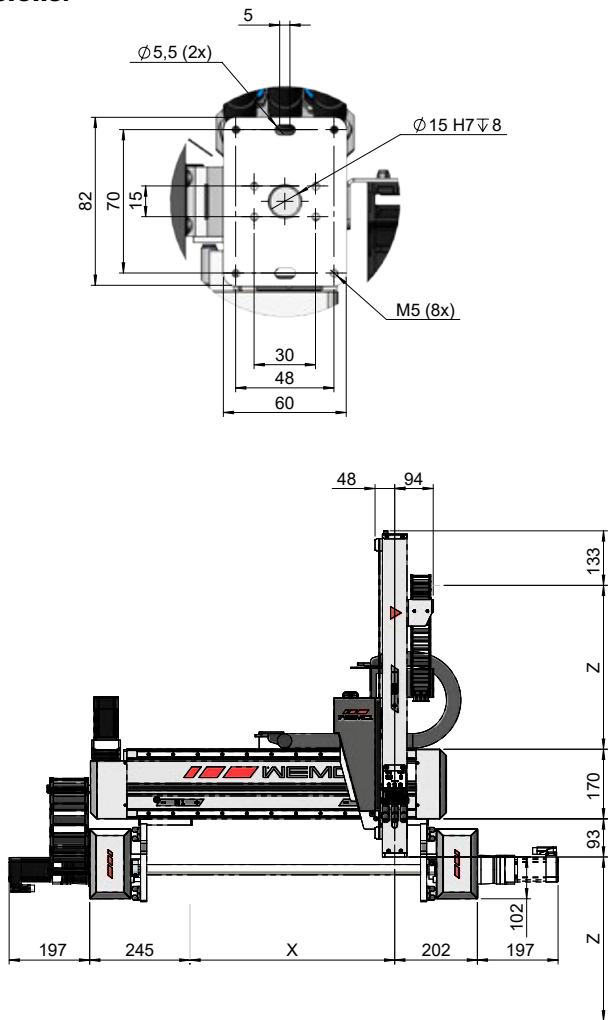
Standard configuration:

Three axes Gantry concept with belt transmission. Payload: 5-10 kg, depending of strokes
2x Aluminium profile with possibility for attachment on rear side and bottom of the profile.
2 linear guides (size: 15) and 2 runner blocks mounted on a vertical wagon carriage.
Stroke as standard: Y=500 mm, available to extend in steps of +250 mm, up to maximum stroke 2000 mm.
2 linear guides (size: 15) and 3 runner blocks mounted on a vertical wagon carriage.
Stroke as standard: X=500 mm, available to extend in steps of +250 mm, up to maximum stroke 2000 mm.
1 linear guide (size 15) and 2 runner blocks
Stroke as standard: Z=400 mm, available to extend in steps of +20 mm, up to maximum stroke 1000 mm.
Planetary gearbox with belt transmission in all axes.
Horizontal mounted cable chain (inside dim: WxH=77x25) R=100
Horizontal mounted cable chain (inside dim: WxH=38x25) R=100
Vertical mounted cable chain (inside dim: WxH=40x14) R=38

Standard configuration		Data
Model type		W-TG3
Max. Handling weighth ¹⁾	Kg	5
Type of transmission		Belt AT5
Gearbox X		Planetary gearbox Ratio= 1:5
Pulley diameter X	mm	Ø 47,75
Returning wheel X	mm	Ø 47
Gearbox Y		Planetary gearbox Ratio= 1:5
Pulley diameter Y	mm	Ø 47,75
Returning wheel Y	mm	Ø 47
Gearbox Z		Planetary gearbox Ratio= 1:10
Pulley diameter Z	mm	Ø 66,85
Deflecting wheel Z	mm	Ø 50
Internal moving mass ²⁾ X	Kg	8,5
Internal moving mass ³⁾ Y	Kg	20,5
Internal moving mass ⁴⁾ Z	Kg	3,4
Additional weight in X/+250 mm	Kg	3,5
Additional weight in Z /+200 mm	Kg	0,6
Max.torque X	Nm	8,3
Max.torque Y	Nm	6,1
Max.torque Z	Nm	8,5
Max. Speed X	m/s	2,7
Max. Speed Y	m/s	2,7
Max. Speed Z	m/s	2,7
Max Acceleration X	m/s ²	15
Max Acceleration Y	m/s ²	15
Max Acceleration Z	m/s ²	15
Minimum cycle time ⁵⁾	sec	2,5
Repetition accuracy	mm	± 0,1
Weight X=500 mm,Y=500 mm,Z=400 mm	Kg	53,7
Additional weight per X=250 mm stroke	Kg	3,4
Additional weight per Y=250 mm stroke	Kg	7
Additional weight per Z=200 mm stroke	Kg	0,6
Noice level	dBA	78

1) End-Of-Arm-Tooling (E:O:A:T)+ part
2) Internal weight of X carriage + Standard Z-axis 400 mm excluding handlingweighth
3) Internal weight of X-axis 500 mm + X carriage + Standard Z-axis 400 mm excluding handlingweighth
4) Internal weight of Standard Z-axis 400 mm excluding handlingweighth
5) Cycletime calculated for forward Y=1000 mm, X=300, Z=400 up & down, X=300 return and X=1000 return

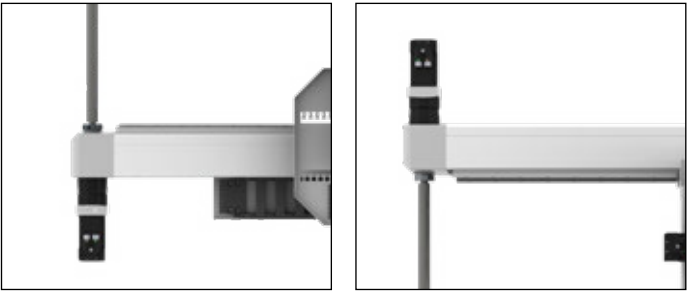
Dimensions:



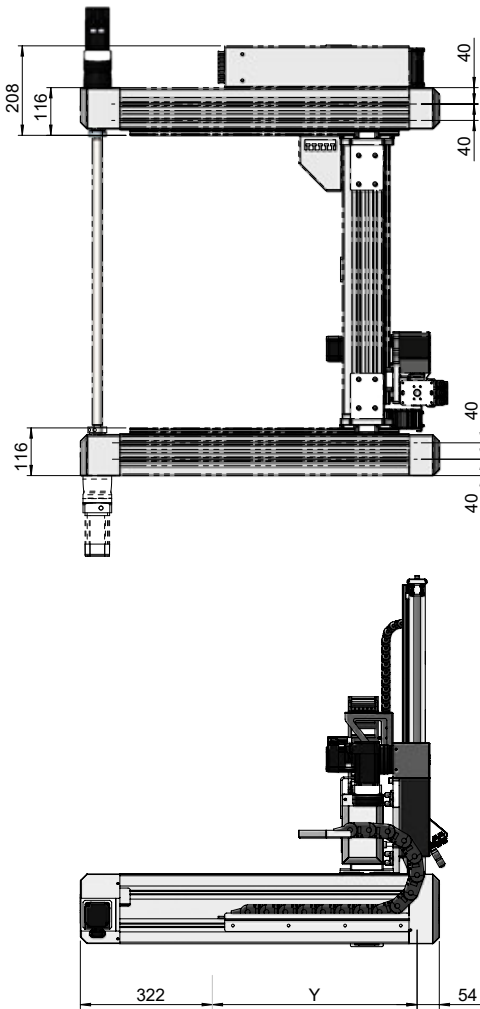
Stroke length:

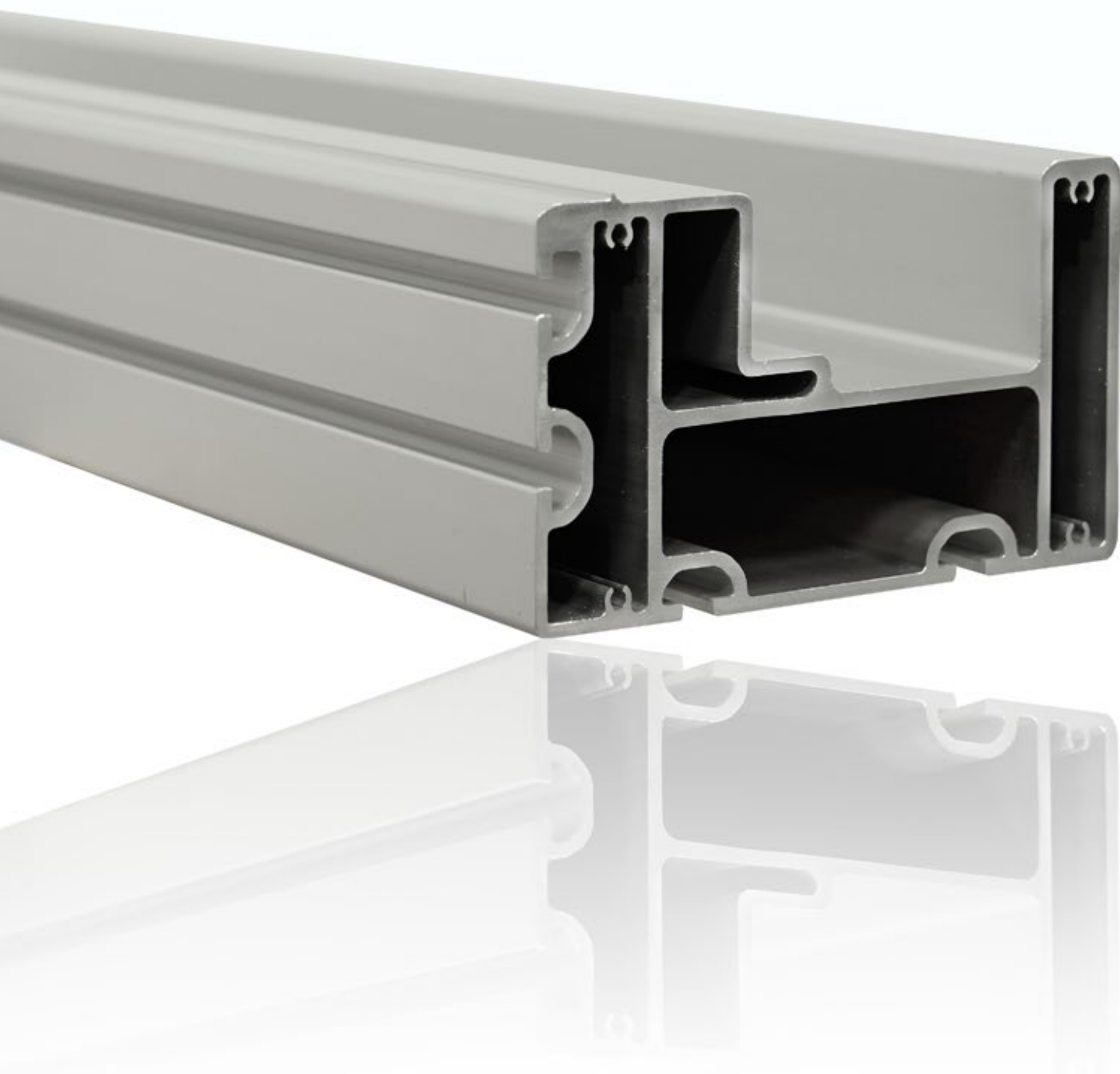
Axes		Stroke lengths
Model type		W-TG3
Stroke horizontal (X) standard	mm	500
Extended stroke horizontal (X)	mm	750,1000,1250...2000
Stroke horizontal (Y) standard	mm	500
Extended stroke horizontal (Y)	mm	750,1000,1250...3000
Stroke vertical (Z) standard	mm	400
Extended stroke vertical (Z)	mm	600,800,1000

Motor attachment variants:



W-TG3-xxxx-xxxx-xxxx-01-xx W-TG3-xxxx-xxxx-xxxx-02-xx

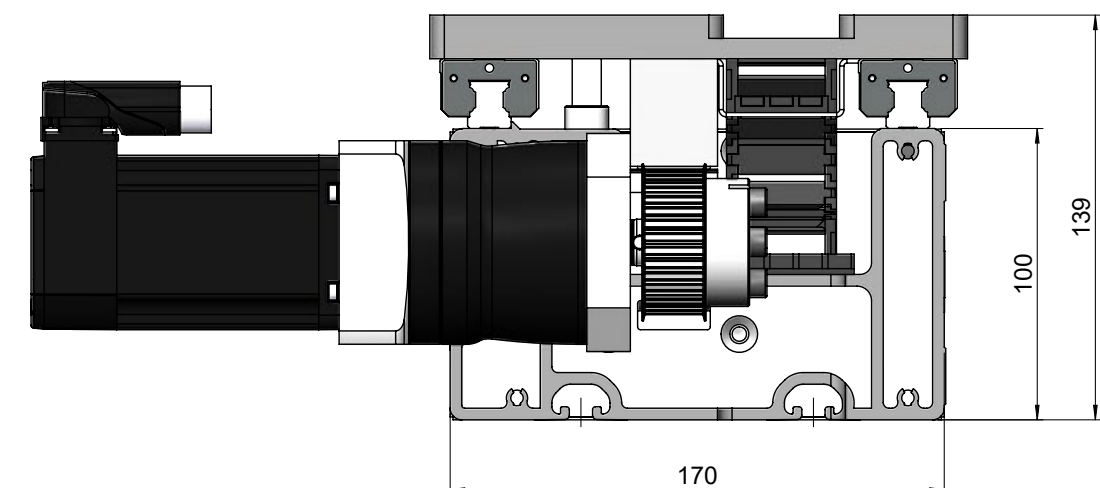




All Smartdrive 2.0 units are based on the rigid aluminium extrusion profile and machined to get the highest precision for linear movement. The profile has also a lot of features based on functional design for easy attachment into machine frames.

The profile is designed for two linear guides which ensure high payload in fast speed on the movable wagon and result in smooth and precise positioning and repetition accuracy.

Attachment can be made at two sides of the profile depending of the application.



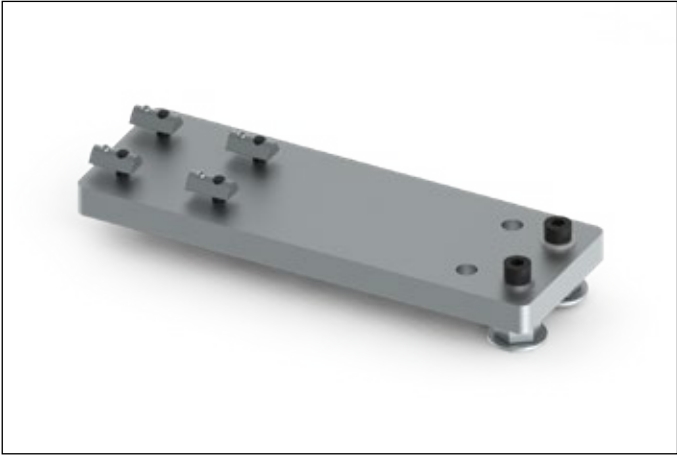
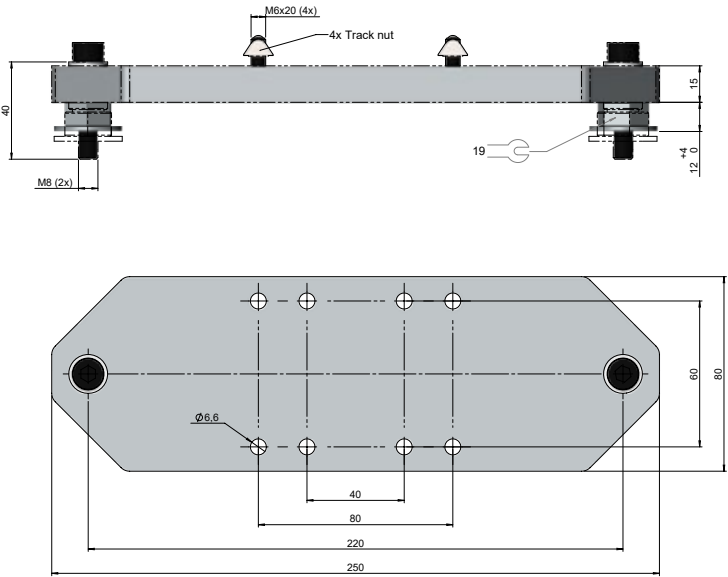


This adapter plate is designed to use for attachment crosswise the wide side of the profile and suitable to all kind machine frames made of welded steel or aluminium profiles.

Two holepattern are available to attachment for Item or Bosch profiles. The plate is also added with two set of adjustable schrews for levelling the axes to the machine frame.

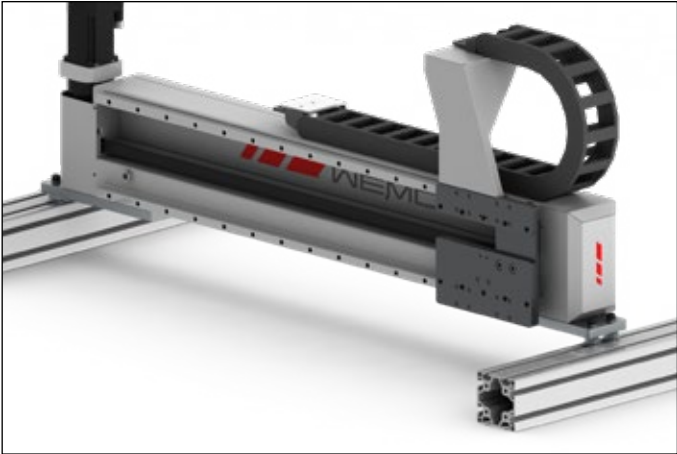


Type		Data
Article No		42000001
Model type		W-AMA1
Weight	Kg	0,8

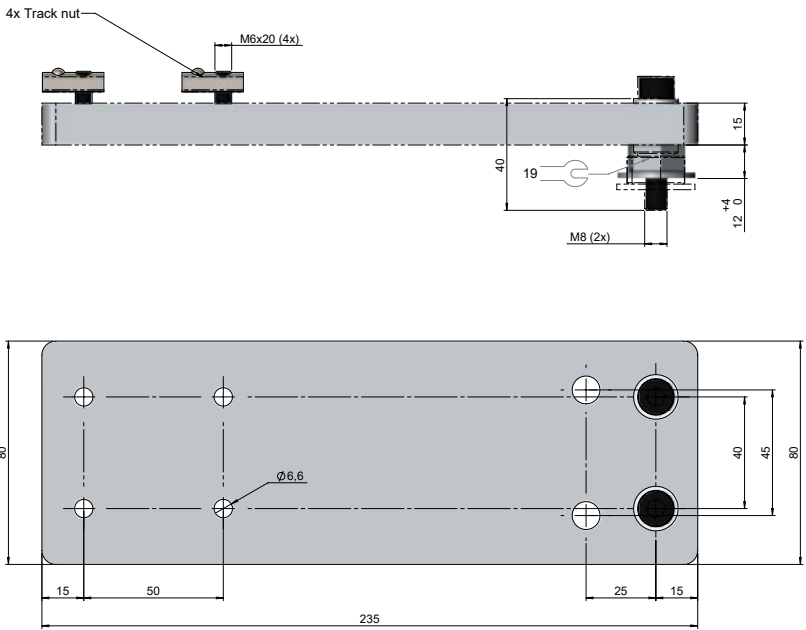


This adapter plate is designed to use for attachment lengthwise on the smaller with of the profile.

Two holepattern are available to attachment for Item or Bosch profiles.



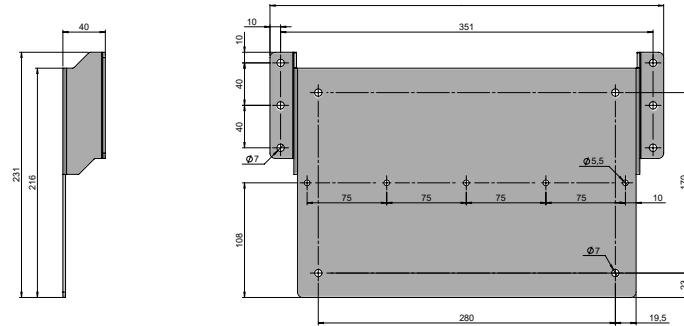
Type		Data
Article No		42000002
Model type		W-AMA2
Weight	Kg	0,8





Adapter plate on smartdrive profile

This adapterplate is used for adding valves, vacuum venturi or connection boxes on smartdrive profiles for the types W-DD2, DP2, TP3 and TG3

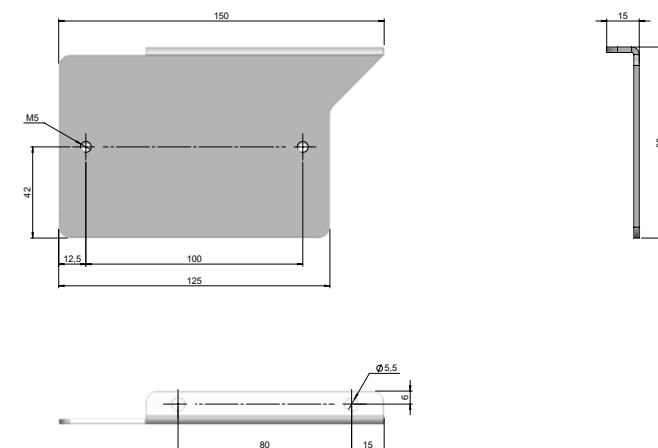


Type		Data
Article No		42000003
Model type		W-APP1
Weight	Kg	1,6



Adapter plate on wagon

This adapterplate is used for adding valves, vacuum venturi or connection boxes on movable wagon platen for the types W-DD2, DP2, TP3 and TG3

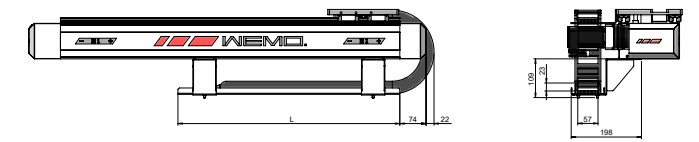


Type		Data
Article No		42000004
Model type		W-APW1
Weight	Kg	0.3

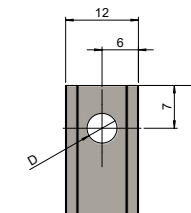
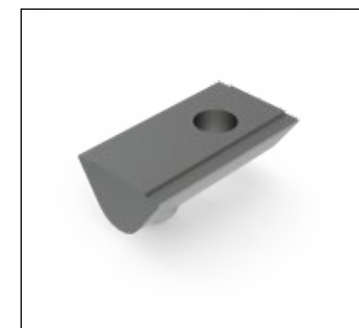


External mounted wider energy cable chains

If the application needs more quantity of cables or tubes it is possible to use an external cablechain for horizontal axes. The inside of the cablechain has the space of WxH : 52 x 22,5 mm.



Type	L	Article No
External energy chain, stroke 500 mm	615	42000005
External energy chain, stroke 750 mm	615	42000006
External energy chain, stroke 1000 mm	615	42000007
External energy chain, stroke 1250 mm	990	42000008
External energy chain, stroke 1500 mm	990	42000009
External energy chain, stroke 1750 mm	990	42000010
External energy chain, stroke 2000 mm	1365	42000011
External energy chain, stroke 2250 mm	1365	42000012
External energy chain, stroke 2500 mm	1365	42000013
External energy chain, stroke 2750 mm	1740	42000014
External energy chain, stroke 3000 mm	1740	42000015



Fastening kits

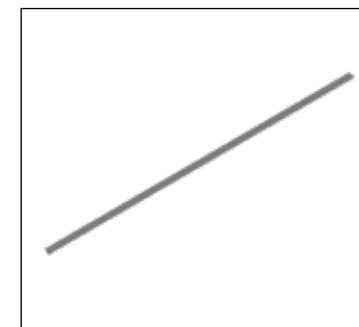
Track nuts and track nut profile to use for attachment of accessories to the smartdrive modules.

The track nuts are available with thread in the dimensions: M5, M6, M8

The track nut profile is for customized thread patterns depending of application.

Note :

The kits is packed with 10 nuts / set and the track nut profile is one per set with length: 1000 mm

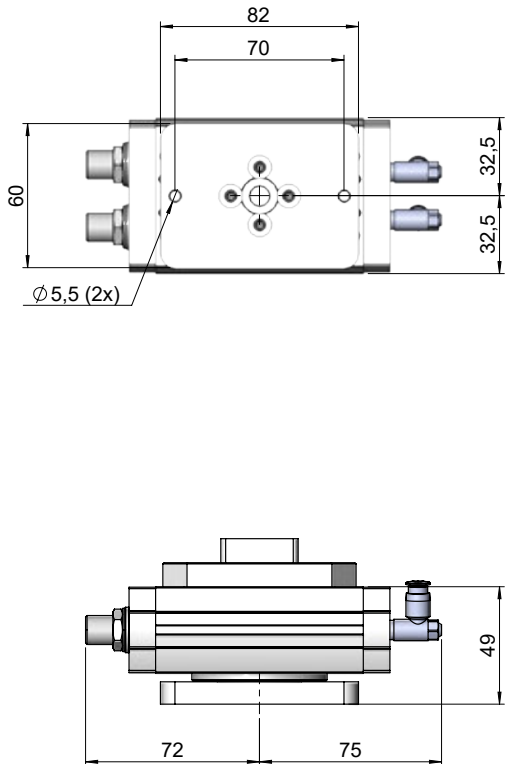


Type	Article No	D	L
Track nut M4 (10 pcs/set)	42000016	M4	22
Track nut M5 (10 pcs/set)	42000017	M5	22
Track nut M6 (10 pcs/set)	42000018	M6	22
Track nut M8 (10 pcs/set)	42000019	M8	22
Track nut profile (1 pcs/set)	42000020	-	1000



Rotary module C for horizontal rotation around the vertical axes

This pneumatic driven module enable an additional horizontal rotation around the vertical axes. The module includes adapterplate for assemble the rotary module direct under the vertical axes.

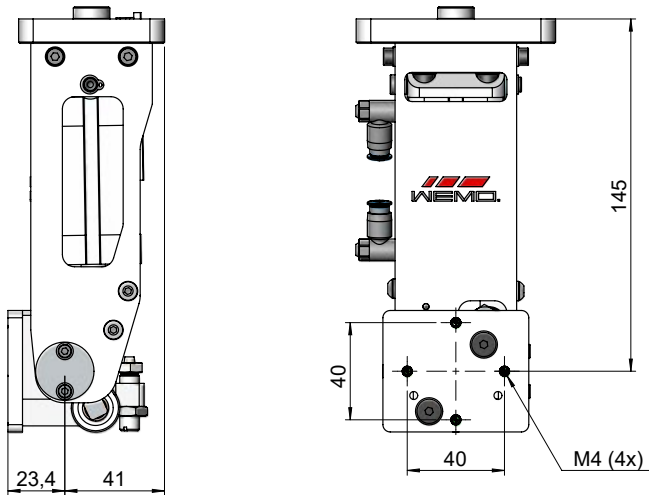


Type		Data
Article No		42000021
Model type		Rotary module C
Weight	Kg	1,1 kg
Torque at 6 bar	Nm	2,4
Swivel angel	°	180
Setting range of swivel angle on both sides	°	+10 / - 100



Wrist rotary module B for rotate from vertical plane to horizontal plane

This pneumatic driven module enable an additional wrist rotation around the vertical axes. The module includes adapterplate for assemble the wrist rotary module direct under the vertical axes.



Type		Data
Article No		42000022
Model type		Rotary module B
Weight	Kg	0,8
Torque at 6 bar	Nm	4,4
Swivel angel	°	90

Create ordering data

This template shows how to configure the actual drive unit for your application.

- The values which has to be described:
- Type of model, like SS1, SD1, DD2.....
 - Stroke lengths in mm
 - Motor mounting position
 - Ordering code for motor

Single axis configuration

W-SS1 - 0500 - 01 - 01

Type
W-SS1
W-SD1

Stroke of X-axis

Motor position

Ordering code for motor

Dual axes configuration

W-DD2 - 0500 - 0400 - 01 - 01

Type
W-DD2
W-DP2

Stroke of X-axis

Stroke of Z-axis

Motor position

Ordering code for motor

Triple axes configuration

W-TP3 - 0500 - 0300 - 0400 - 01 - 01

Type
W-TP3
W-TG3

Stroke of X-axis

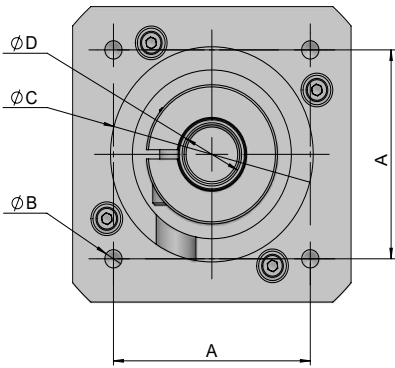
Stroke of Y-axis

Stroke of Z-axis

Motor position

Ordering code for motor

Ordering code for motor



Ordering code	Manufacture	Model	A	B	C	D
01	B&R	8LVA2X	49,5	M6	50	14
02	Bosch	MSK040B	67,2	M6	50	14
03	B&R	8LSA26	44,5	M5	40	9
04	B&R	8LSA36	70,7	M6	80	14
05	Bosch	MSK030B	44,5	M4	40	9
06	Bosch	MSM031	49,5	M4	50	11
07	Siemens	1FK7022	44,5	M5	40	9
08	Siemens	1FK7032	53	M6	60	14
09	Kollmorgen	AKM22	44,5	M4	40	9
10	Kollmorgen	AKM32	53	M5	60	14

1) Other motors on request

We reserve the right to make technical changes

Smartdrive 2.0 CAD models

To make your design easier and faster we have developed a tool for easy configuration of the CAD models.

Wemo provides an online 3D CAD Files in .step and Solidworks format. With this helpful dummy models, you can easily configure the actual drive unit you need. This is possible to download after when you have registrated for a login to Wemogroup.com/login. If you need help contact us by mail: sales@wemogroup.com.





WEMO ROBOT SYSTEM



WEMO GRIP SYSTEM



WEMO CONVEYOR SYSTEM



WEMO SAFETY SYSTEM



WEMO PERIPHERAL SYSTEM



WEMO APPLICATION SYSTEM

PASSION FOR AUTOMATION



Wemo Automation AB
Tel: +46 370 658500

Bredastensvägen 12
Fax: +46 370 658519

SE-331 44 Värnamo Sweden
Lat: N 57° 9,461" Long: E 14° 4,728"

WWW.WEMOGROUP.COM

A part of **HAHN**GROUP