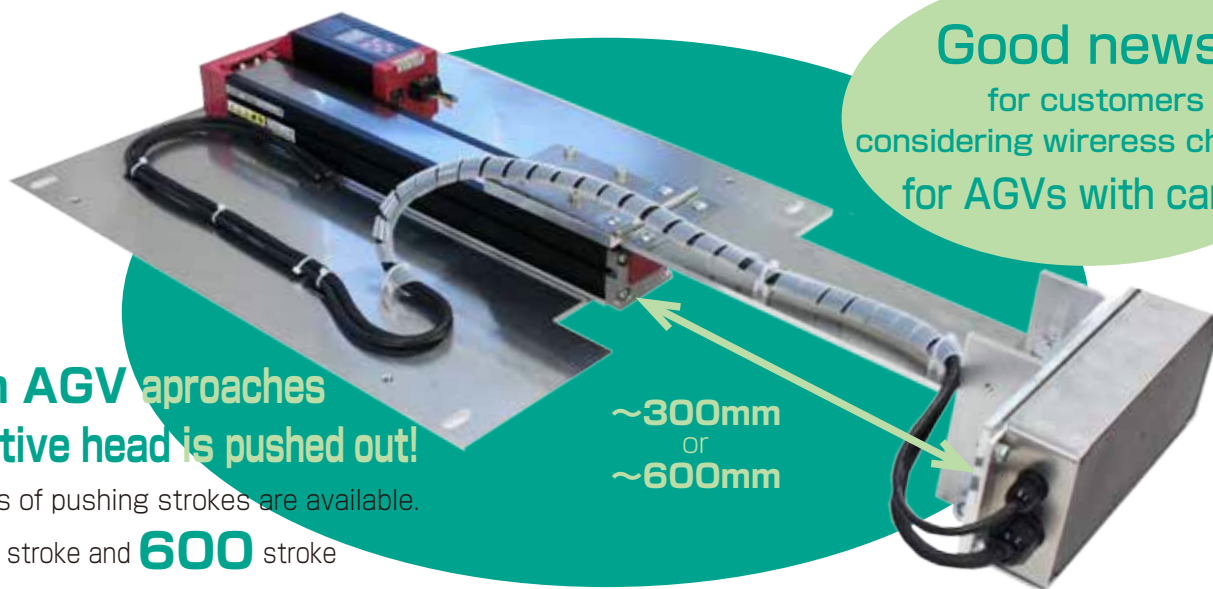


Extruder for RCS series Active head

Wireless charging is possible
to AGV carrying the cart



When AGV approaches
the active head is pushed out!

Two types of pushing strokes are available.

300 stroke and **600** stroke

*The product in the photo is a 300 stroke.

Eliminate the trouble of carrying a large cart

The active head is pushed out when the AGV approaches, so wireless charging is possible even while carrying the cart. The distance the head is pushed out can be adjusted to the desired position by the customer.

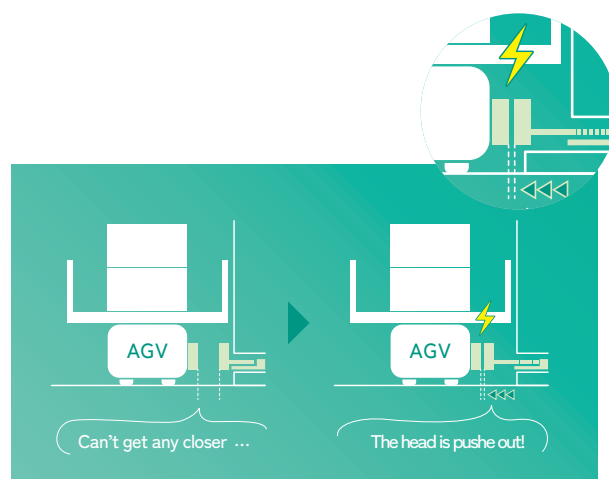
Floor tracking function

In addition to forward and backward movement, it also has a floor tracking function! It is designed to follow slight unevenness of the floor surface.

*Please be careful not to cause any interference when facing the RCS head.

Comprehensive support

Speed and position are set using an air cylinder. If you have any problems with the settings, our sales staff will support you.



[Previously]

As there was a cart on top of the AGV, and the transmission distance between the active head and the passive head was long, making wireless charging impossible.

[Improvement]

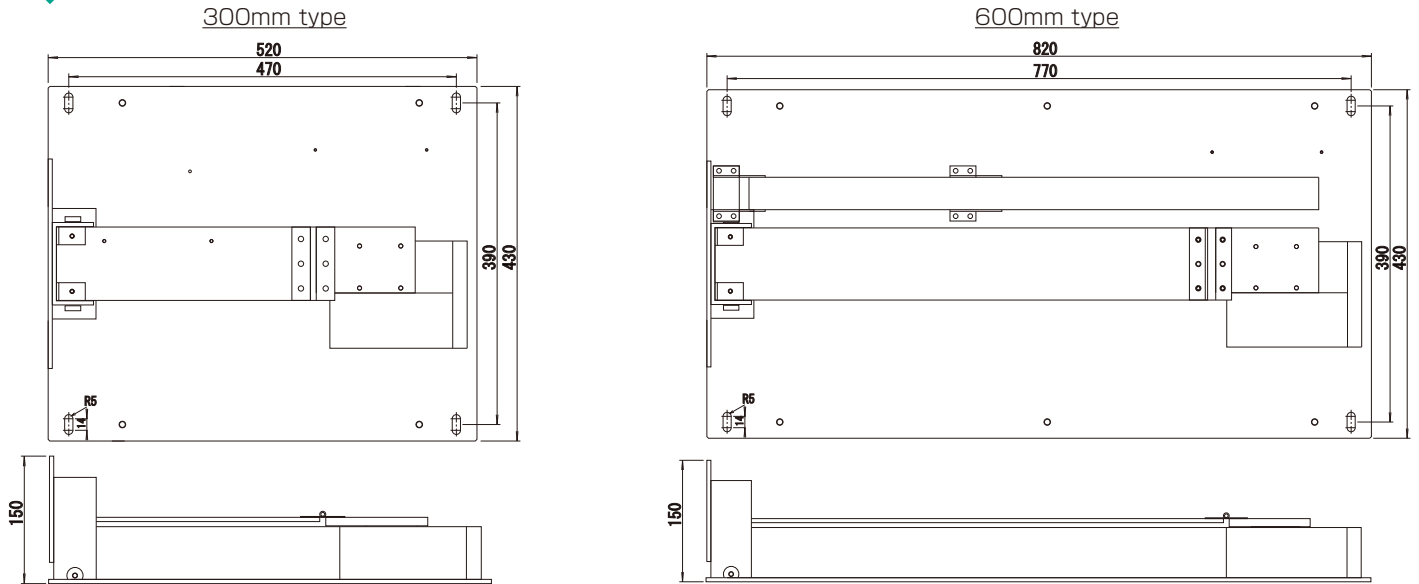
By using the extruder, the active head can be brought closer to the power passive head, enabling wireless charging.

Check out on
You tube video!



Wireless power supply by
B&PLUS

Dimension



Type code

300mm type	600mm type	applicable active head
RCS-PUSHMAC300-A	RCS-PUSHMAC600-A	RCS600-AH
RCS-PUSHMAC300-B	RCS-PUSHMAC600-B	RCS1000-AH EP300-20130C
RCS-PUSHMAC300-C	RCS-PUSHMAC600-C	RCS600-AH-L, RCS1000-AH-L RCS2000-AH, RCS2000-AH-B48
RCS-PUSHMAC300-D	RCS-PUSHMAC600-D	RCS600-AH-L2

Each active head comes with a mounting plate that is suitable for the head.
The above dimensional drawing shows the RCS-PUSHMACX00-A with the mounting plate attached.

Specification

specification	300mm type	600mm type
Head movement distance	0~300mm	0~600mm
Stop Position Accuracy	±0.05mm	±0.05mm
Head movement speed	8mm/s~450mm/s	8mm/s~290mm/s
Supply voltage	DC24V±10% 4.2A	DC24V±10% 4.2A
Operating temperature/humidity	less than 0~40°C/85%RH(no condensation)	less than 0~40°C/85%RH(no condensation)
Connectiong cable	power:AWG18 signal:AWG26	power:AWG18 signal:AWG26
Material	Base plate: Aluminum	Base plate: Aluminum
Weight	unit:7.8kg	unit:11.8kg

For customers who want to protect the extrusion unit

A protective cover is also available as an option.
Please contact our sales department for details.

300mm type
size : W424 x D456 x H130mm /weight : 2.8kg

600mm type
size : W424 x D762 x H145 mm / weight : 4.8kg



Wireless Power Supply by
B & PLUS K.K.

Mail : b-plus-usa@b-plus-kk.com

Web : <http://www.b-plus-kk.com>

* Info may change the mention contents such as specifications without a notice.
Thank you for understanding

* Please refer to instruction manual or the user's guide. It can be download by HP.