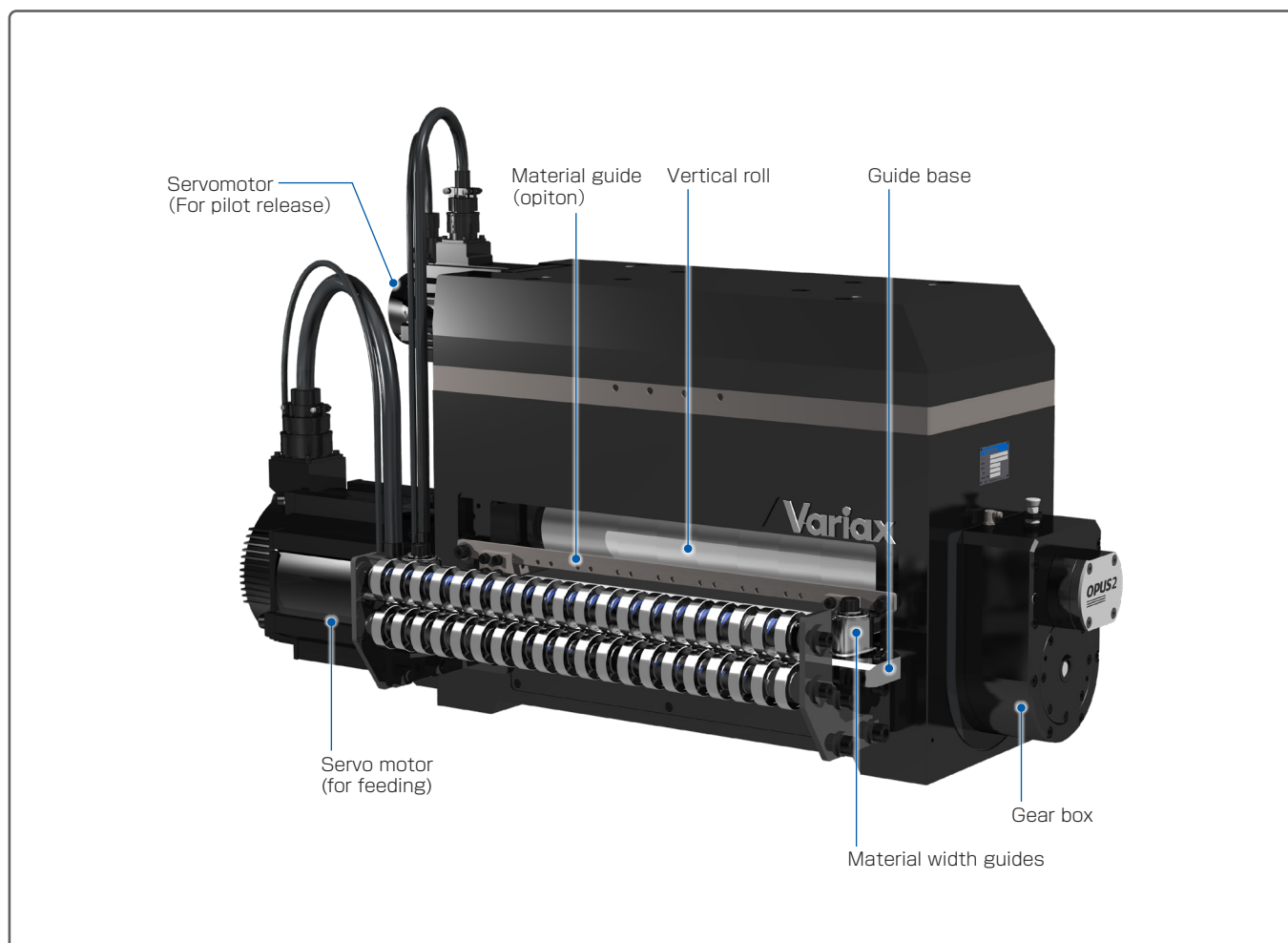


# Feeder specification

## Feed components



## Specification table

Model name	Unit	General specifications (OPUS2R-H)				Thick plate specification (OPUS2R-T)			
		OPUS2R-200H	OPUS2R-300H	OPUS2R-450H	OPUS2R-650H	OPUS2R-200T	OPUS2R-300T	OPUS2R-450T	OPUS2R-650T
Material width	mm	Max 200	Max 300	Max 450	Max 650	Max 200	Max 300	Max 450	Max 650
Feed length	mm	1-999*1							
Material thickness	mm	Max 2				Max 5(4.7)*4			
Clamping force	N	1,500~3,000		3,000~5,000		1,500~3,000		3,000~5,000	
Pilot release length	mm	0.1				0.5(1.0)*2			
Roll opening dimension	mm	max 5.7							
Maximum press speed	min <sup>-1</sup>	1,000		500		600(300)*3		500(300)*3	
Pilot release angle	deg	90~180		50~180		90~180			
Maximum feed speed	m/min	60*1		80*1		60*1		80*1	
Repeat accuracy	mm	±0.03							
Operating air pressure	MPa	0.5~0.6							
Paint color		N1.5(Black)							
Product weight	kg	170	190	260	310	170	190	260	310

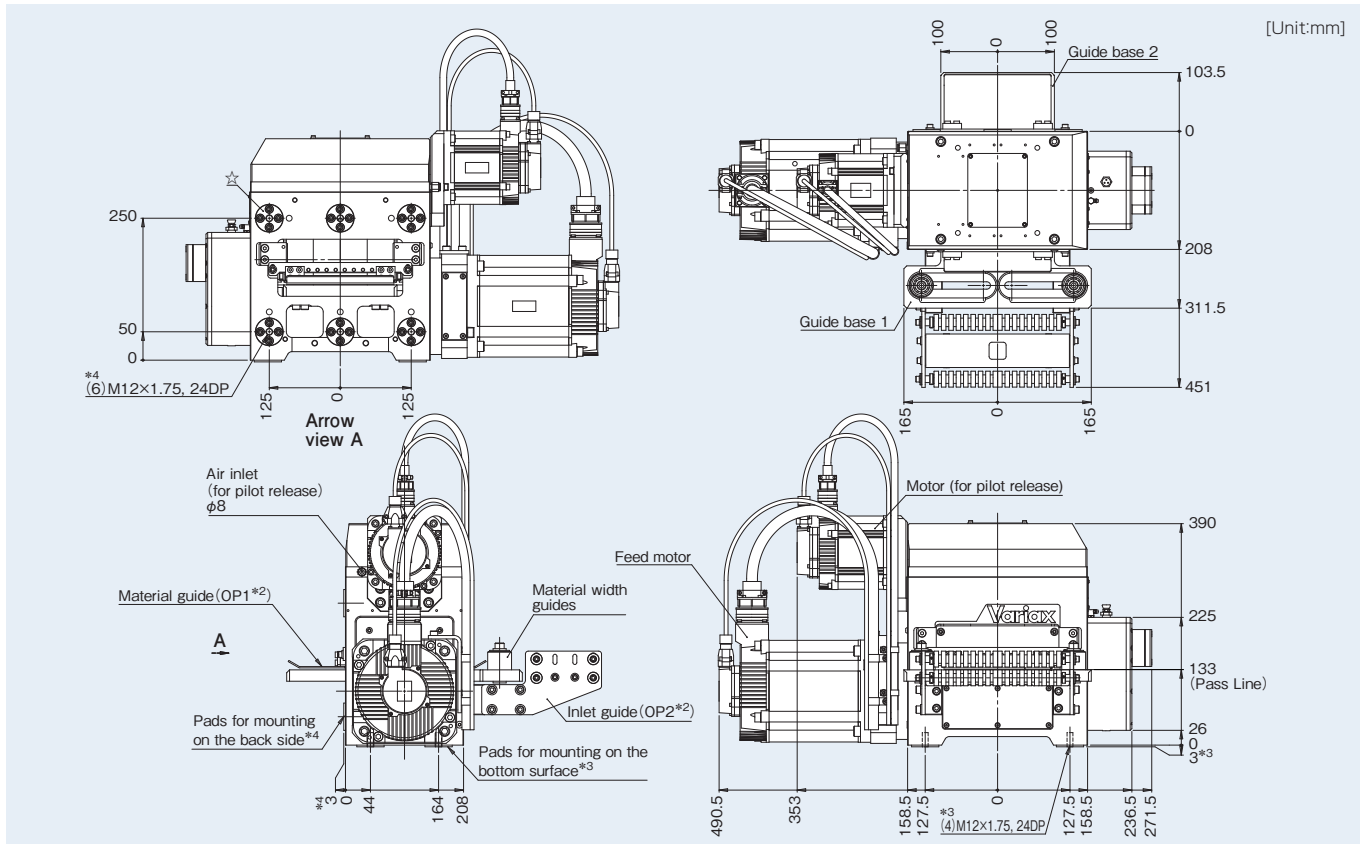
\*1 Please check the separate feed capacity diagram. \*2 A pilot release amount of 1.0 mm is available as an option.

\*3 When the pilot release amount is 1.0 mm, the maximum press speed will be 300 min<sup>-1</sup>.

\*4 If the pilot release amount is 1.0, the upper limit for the material thickness will be 4.7 mm.

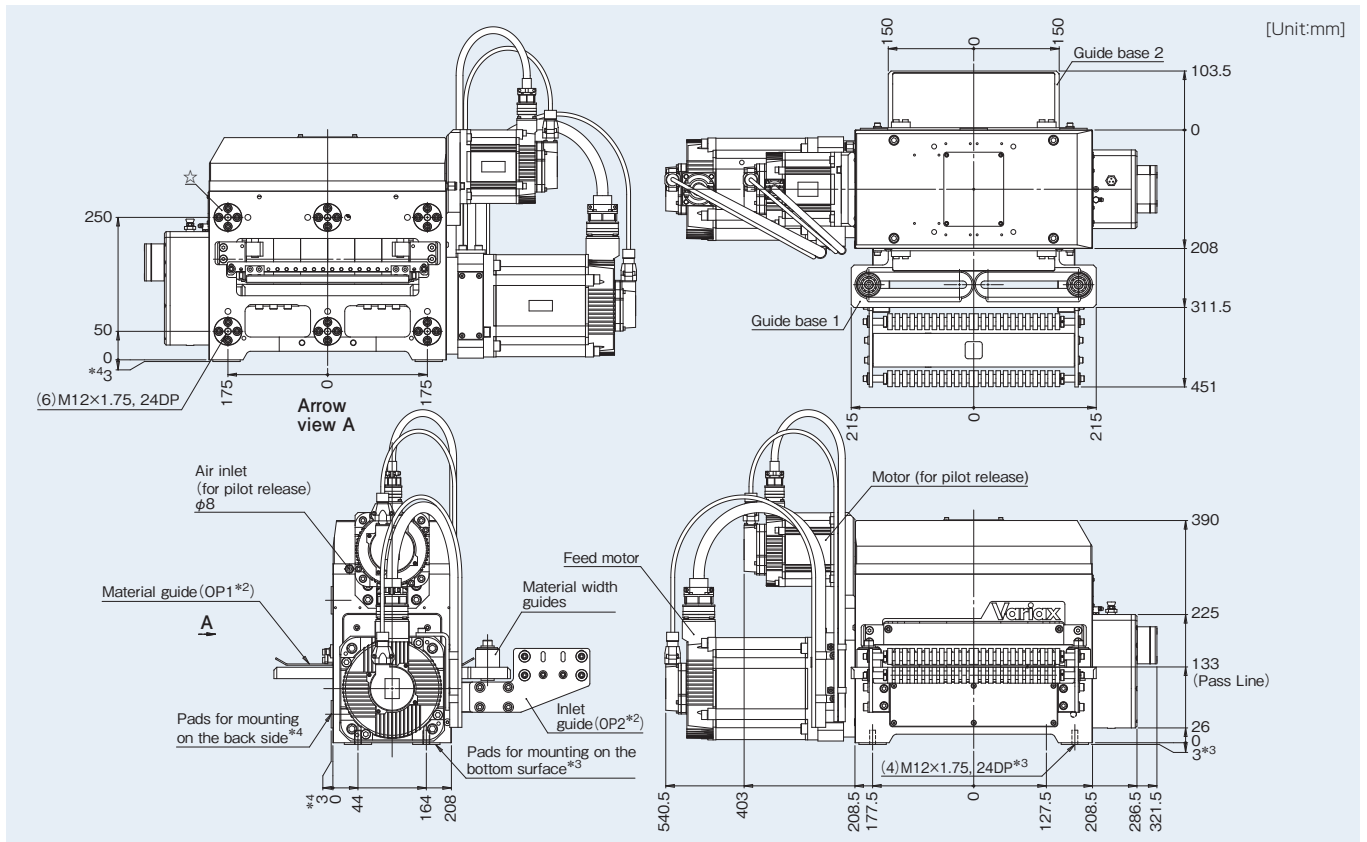
# Dimensional drawing OPUS2R-200H(T)/300H(T)

## OPUS2R-200H(T)



\*1 This drawing shows the L type specification motor mounting direction. \*2 "OP1" and "OP2" indicate that the option is installed. \*3 Mounting surface L: Shows the bottom mounting specifications. Install the bottom mounting pads. Positions marked with a ☆ have covers. \*4 Mounting surface B: Shows the back-side mounting specifications. Install the back-mounting pads.

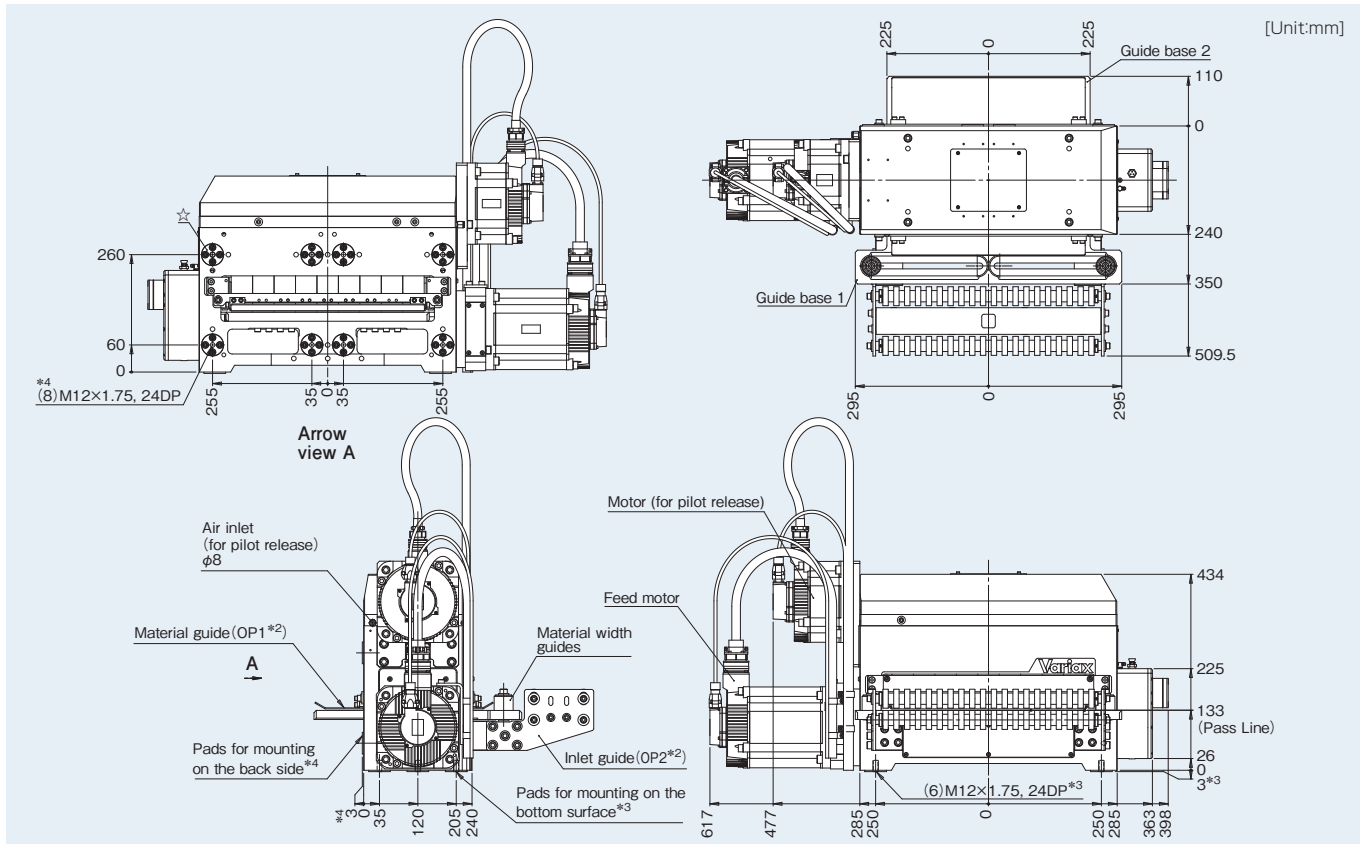
## OPUS2R-300H(T)



\*1 This drawing shows the L type specification motor mounting direction. \*2 "OP1" and "OP2" indicate that the option is installed. \*3 Mounting surface L: Shows the bottom mounting specifications. Install the bottom mounting pads. Positions marked with a ☆ have covers. \*4 Mounting surface B: Shows the back-side mounting specifications. Install the back-mounting pads.

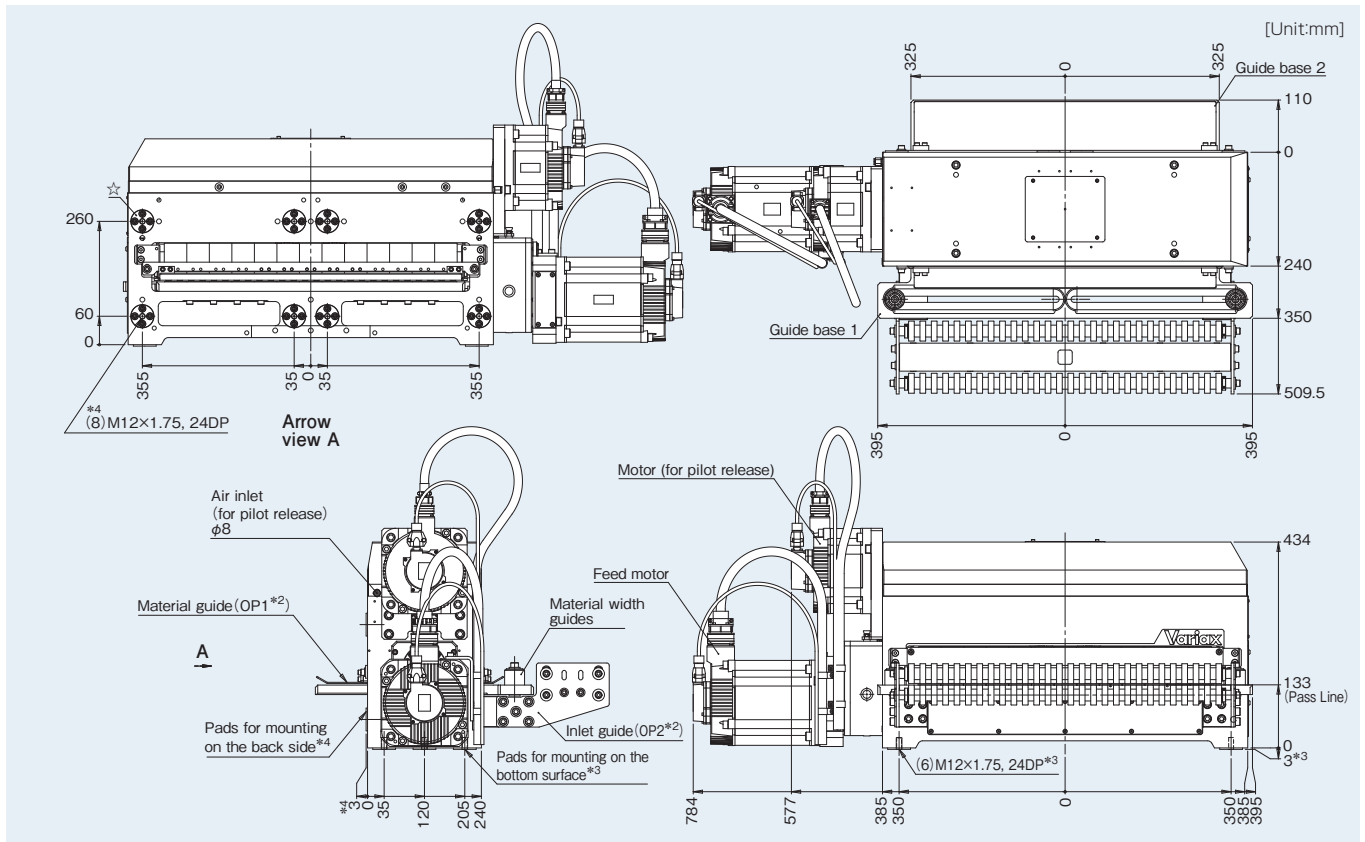
# Dimensional drawing OPUS2R-450H(T)/650H(T)

## OPUS2R-450H(T)



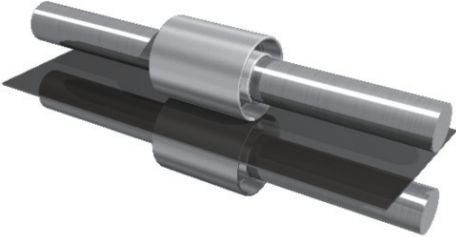
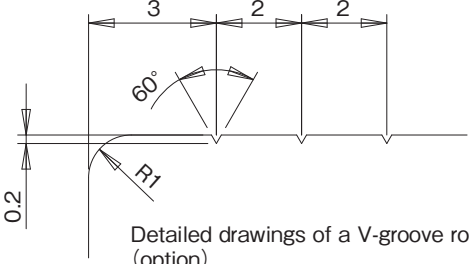
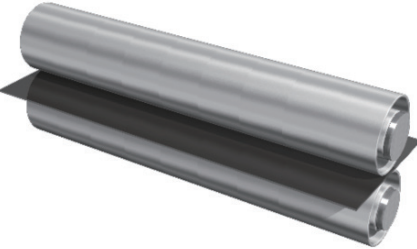
\*1 This drawing shows the L type specification motor mounting direction. \*2 "OP1" and "OP2" indicate that the option is installed. \*3 Mounting surface L: Shows the bottom mounting specifications. Install the bottom mounting pads. Positions marked with a  $\star$  have covers. \*4 Mounting surface B: Shows the back-side mounting specifications. Install the back-mounting pads.

## OPUS2R-650H(T)

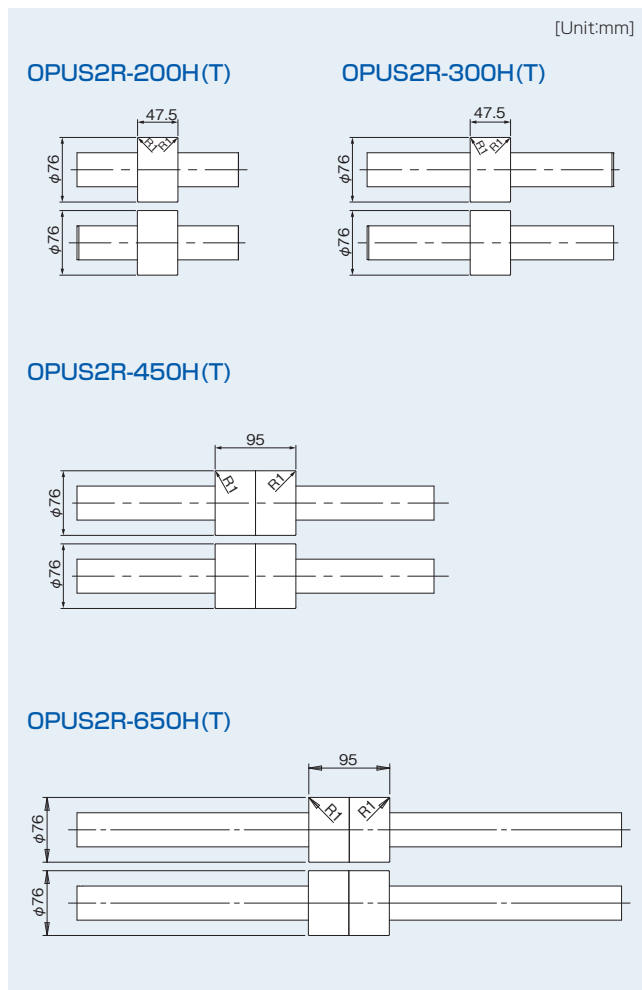


\*1 This drawing shows the L type specification motor mounting direction. \*2 "OP1" and "OP2" indicate that the option is installed. \*3 Mounting surface L: Shows the bottom mounting specifications. Install the bottom mounting pads. Positions marked with a  $\star$  have covers. \*4 Mounting surface B: Shows the back-side mounting specifications. Install the back-mounting pads.

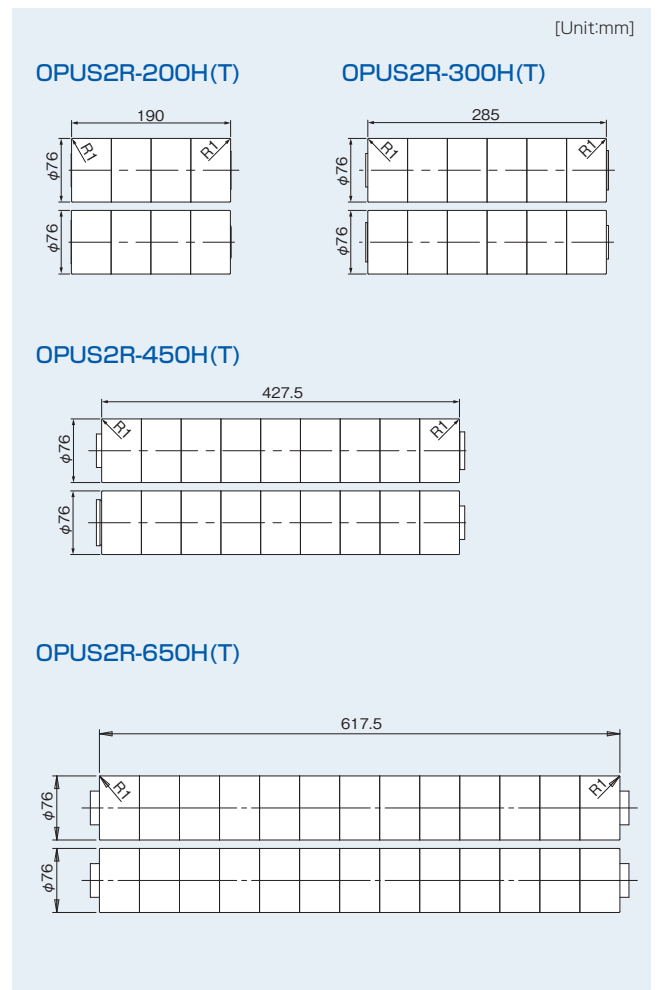
# Feed roll dimensional drawings

Roller type	Roller surface treatment
<p><b>S:</b> Center arrangement type</p> 	<p><b>B:</b> Blast <b>V:</b> V-groove</p>  <p>Detailed drawings of a V-groove roll (option)</p>
<p><b>L:</b> Built-in type</p> 	<p><b>F:</b> Flat</p>

## S: Center arrangement type



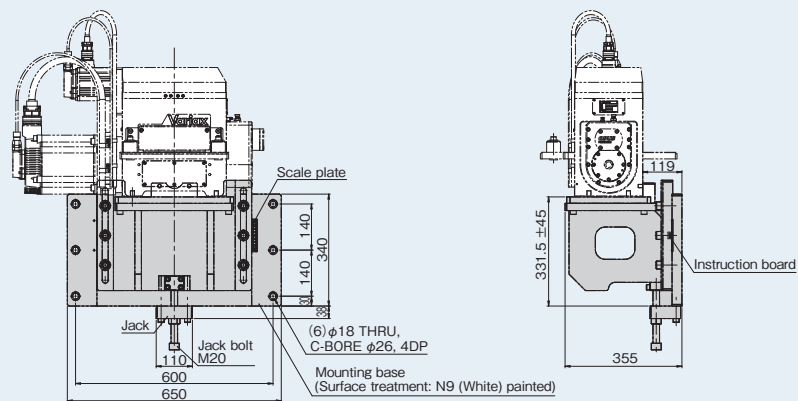
## L: Built-in type



# Dimensions, mounting components (optional)

## OPUS2R-200H(T)

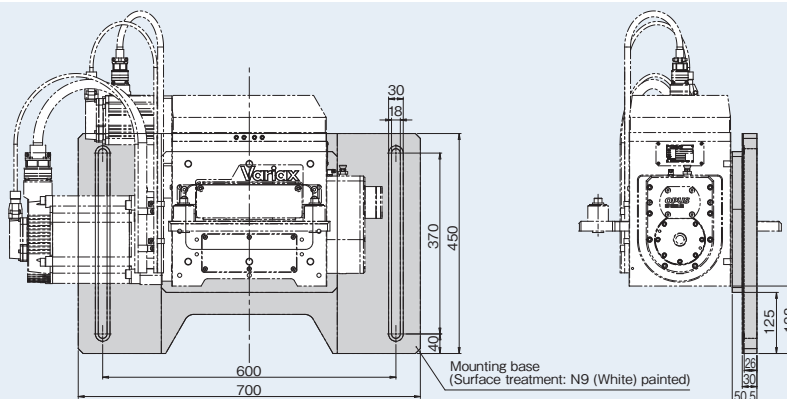
Bottom surface mounting



[Unit:mm]

Mass:131.5kg

Back side mounting

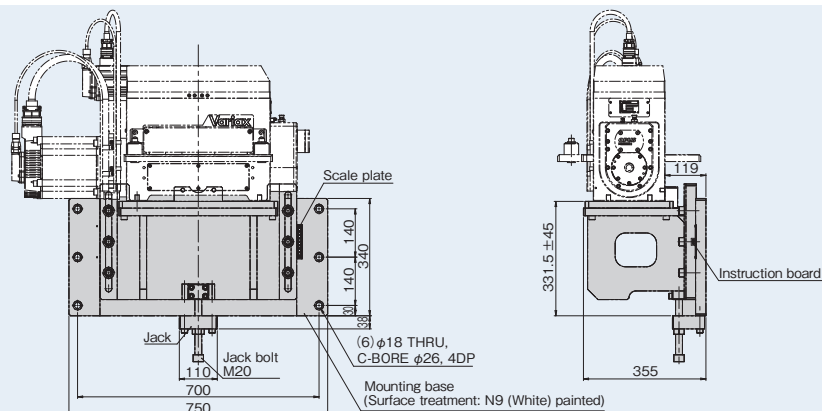


[Unit:mm]

Mass:64kg

## OPUS2R-300H(T)

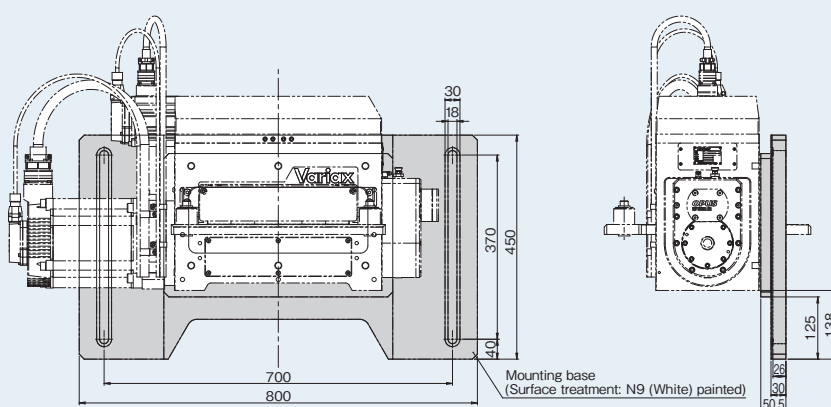
Bottom surface mounting



[Unit:mm]

Mass:153.5kg

Back side mounting



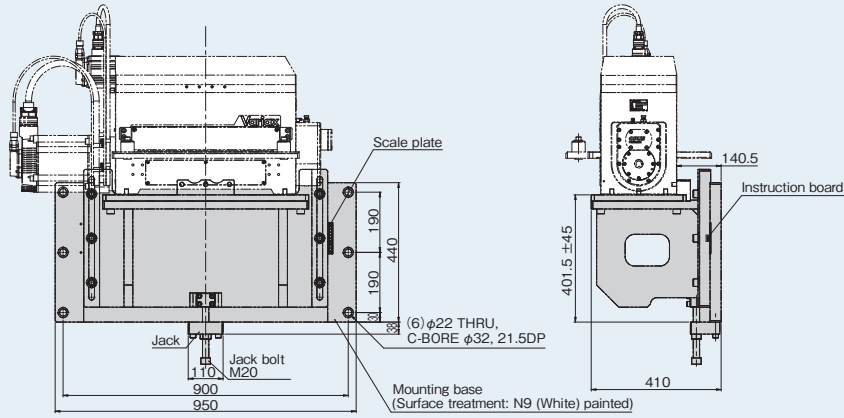
[Unit:mm]

Mass:71.5kg

\*Please prepare your own jack parts

## OPUS2R-450H(T)

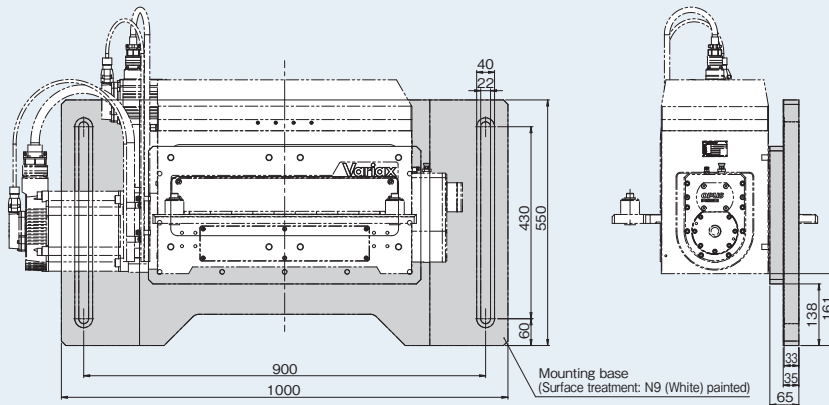
Bottom surface mounting



[Unit:mm]

Mass:296.5kg

Back side mounting

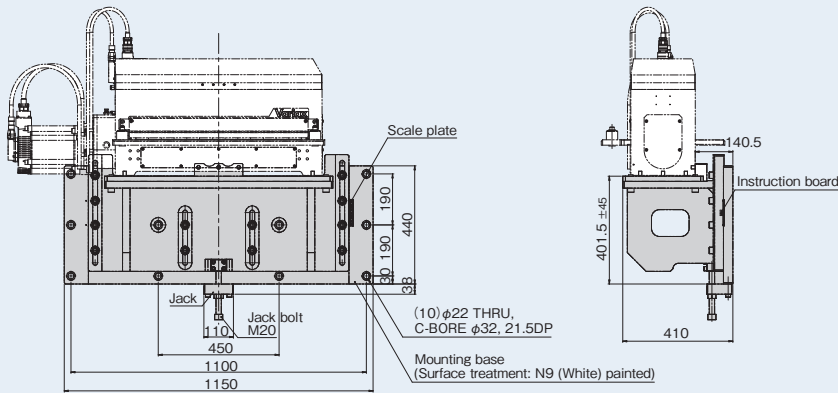


[Unit:mm]

Mass:128.5kg

## OPUS2R-650H(T)

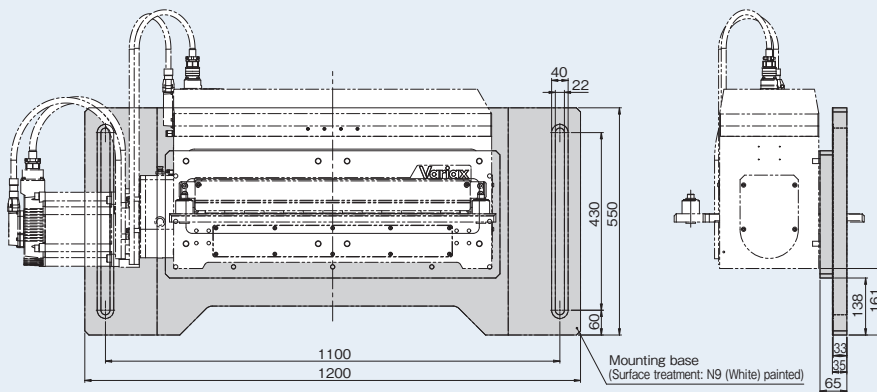
Bottom surface mounting



[Unit:mm]

Mass:351kg

Back side mounting



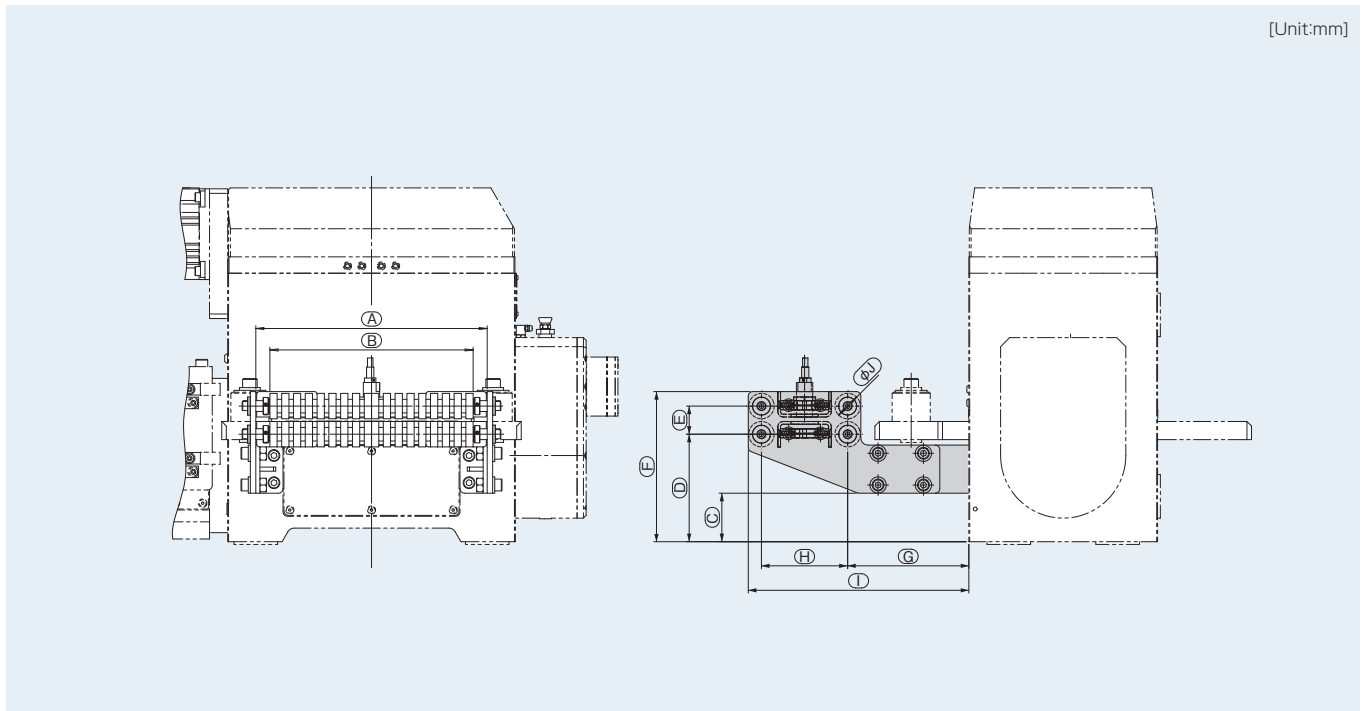
[Unit:mm]

Mass:150kg

\*Please prepare your own jack parts

# Dimensional drawings, inlet guide (optional)

## Inlet guide dimensions: double row

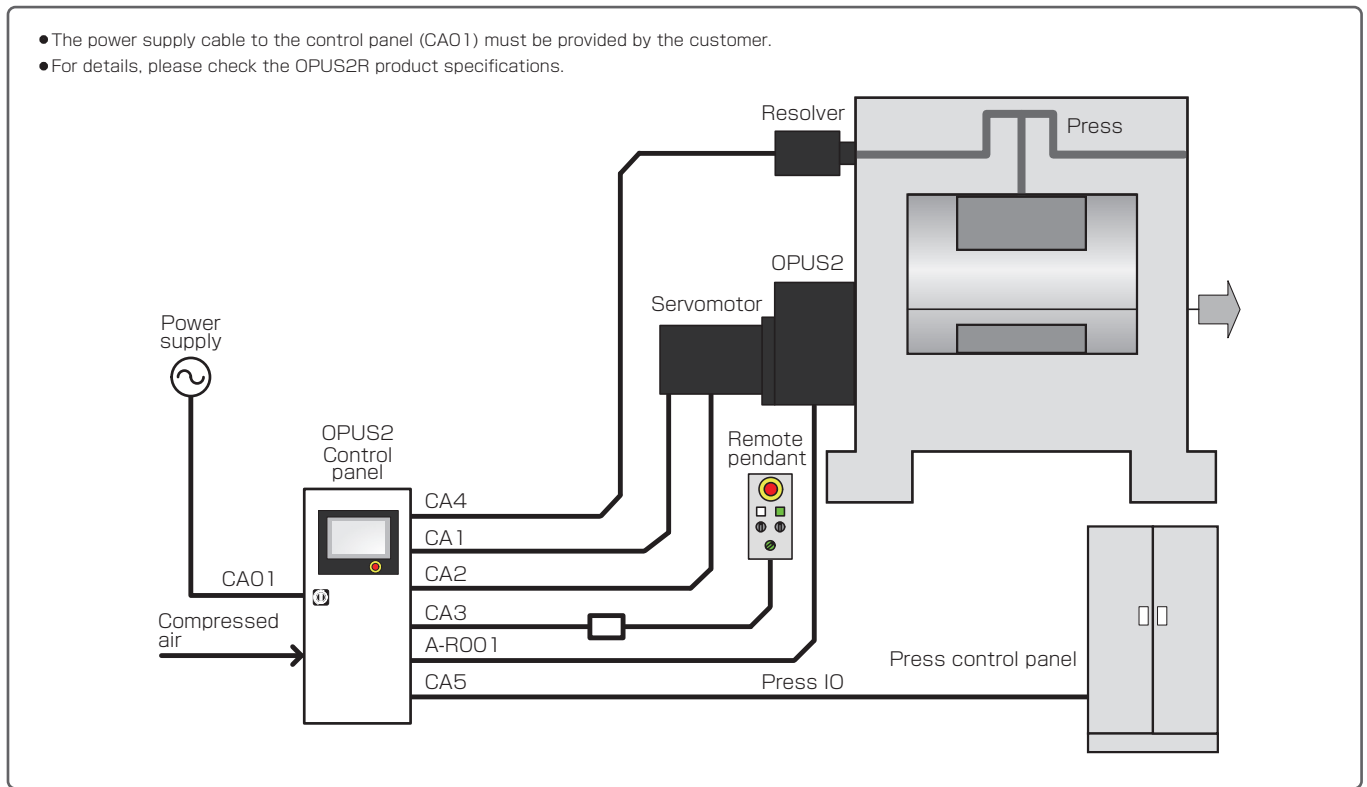


## Dimension table

Size	A	B	C	D	E	F	G	H	I	J
OPUS2R-200H(T)	255	224	53.5	118.5	31	165.5	133.5	95	243	28
OPUS2R-300H(T)	355	302	53.5	118.5	31	165.5	133.5	95	243	28
OPUS2R-450H(T)	500	468	44	111.5	45	179	137	110	269.5	42
OPUS2R-650H(T)	700	660	44	111.5	45	179	137	110	269.5	42

# Control part specifications

- The power supply cable to the control panel (CA01) must be provided by the customer.
- For details, please check the OPUS2R product specifications.



## Control specification table

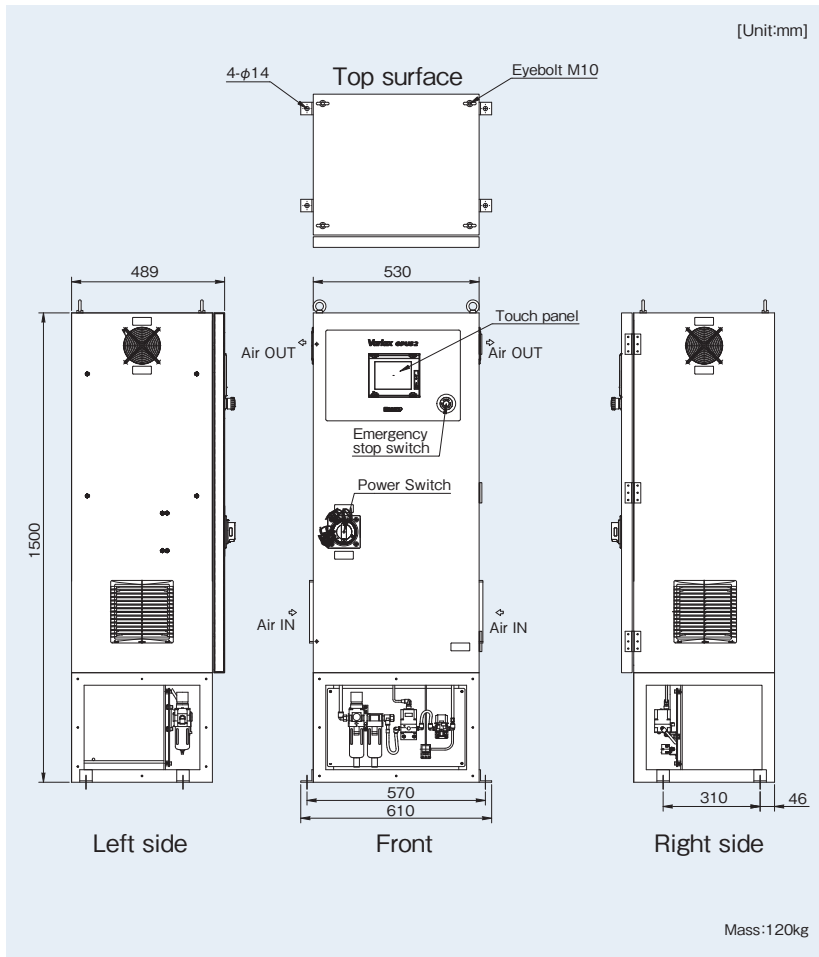
Electrical specifications (for one version)				
Power supply		Three-phase three-wire system, AC200V $\pm$ 10% 50/60Hz		Three-phase three-wire system, AC400V $\pm$ 10% 50/60Hz
Power capacity	Applicable models: OPUS2R-200H(T)/300H(T)	Fan cooling specifications Panel cooler specifications	19.8kVA 57.2A 21.7kVA 62.5A	20.0kVA 28.9A 19.8kVA 28.6A
	Applicable models: OPUS2R-450H(T)/650H(T)	Fan cooling specifications Panel cooler specifications	23.3kVA 67.3A 25.2kVA 72.6A	22.6kVA 32.6A 22.4kVA 32.3A
Servomotor capacity		Applicable models: OPUS2R-200H(T)/300H(T)	Feed 7.5kW / Release 1.8kW	
		Applicable models: OPUS2R-450H(T)/650H(T)	Feed 7.5kW / Release 2.9kW	

Main functions		
User interface		Touch panel (5.7 inch), Remote pendant, Press IO
Touch panel language		Japanese / English / Chinese
Number of saved job		200
Operation mode	Automatic operation	You can start automatic operation by entering a job number.
	Manual operation	You can JOG and process feed at set speeds, as well as open or close the rolls.
	Parameters	Various parameters can be set.
Safety function		STO (Shuts off the power to the motor and stops the shaft using a mechanical brake)
Security functions		3 user levels (password management)
Crankshaft Resolver		1:1 installation (with vibration isolation mounting kit)

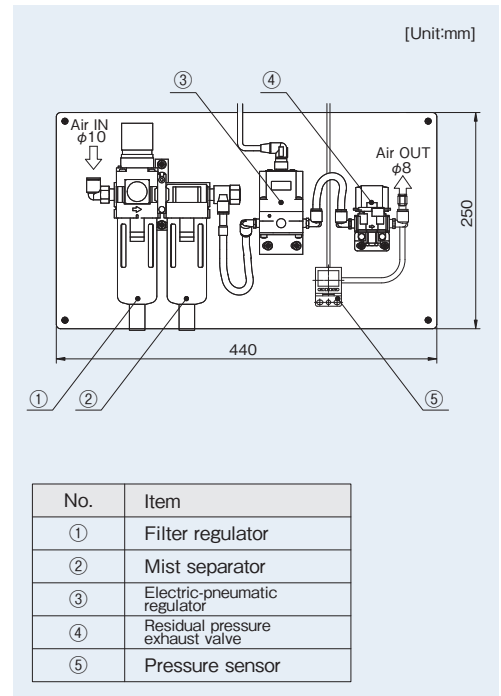


# Control panel dimensional drawings

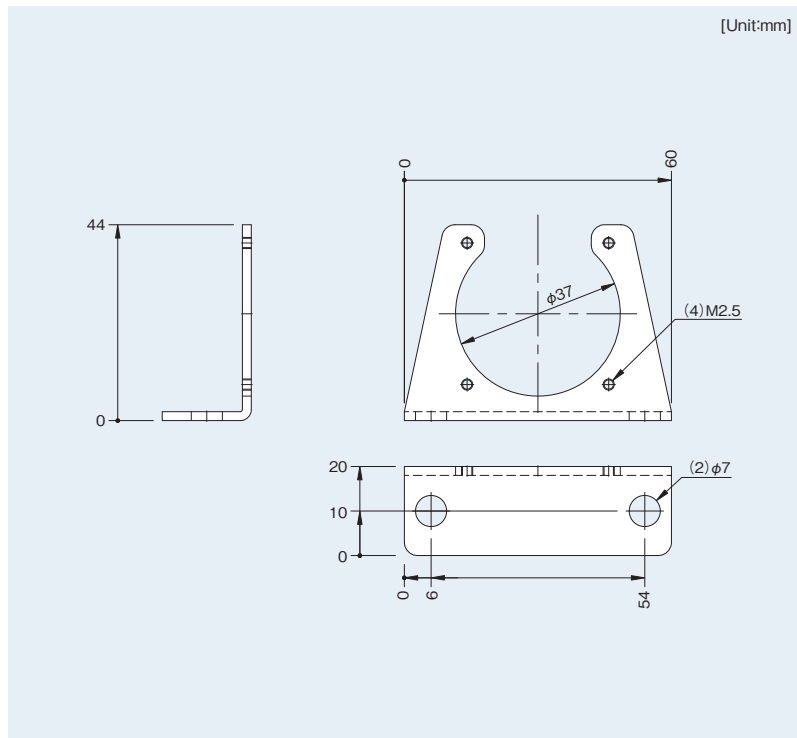
## Control panel dimensional drawings



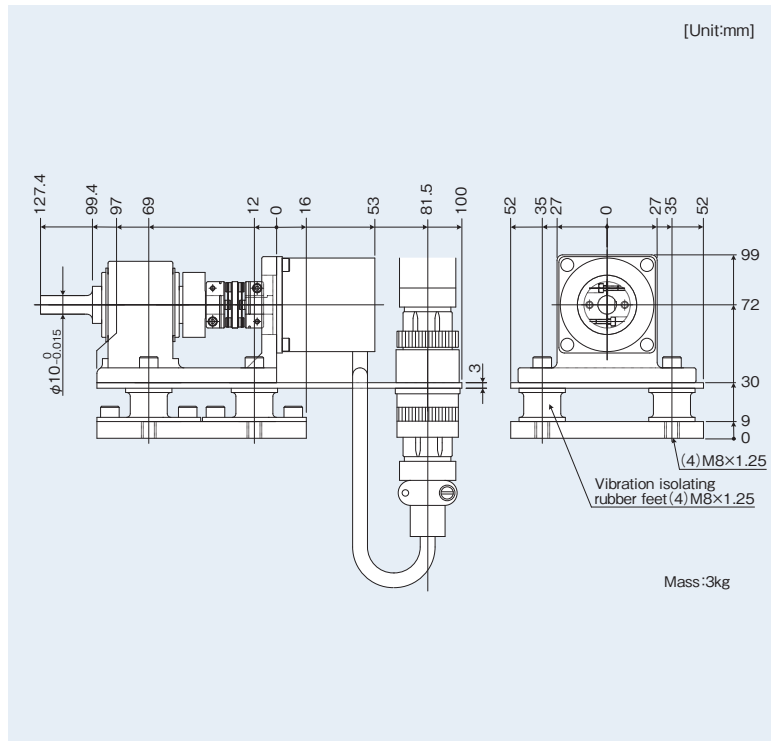
## Compressed air equipment



## Connector securing parts for the remote pendant



## Resolver unit (for press mounting)



## Remote pendant

