

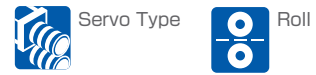
High performance feeder

Variax *OPUS 1 R-X Series*

The Ultimate Servo Feeder



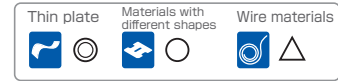
The Ultimate Servo Feeder



Major Features

Rapid stroke max. 1000min ⁻¹	High-speed feed max. 100m/min or more	Material width max. 750mm
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Applicable Material Shapes

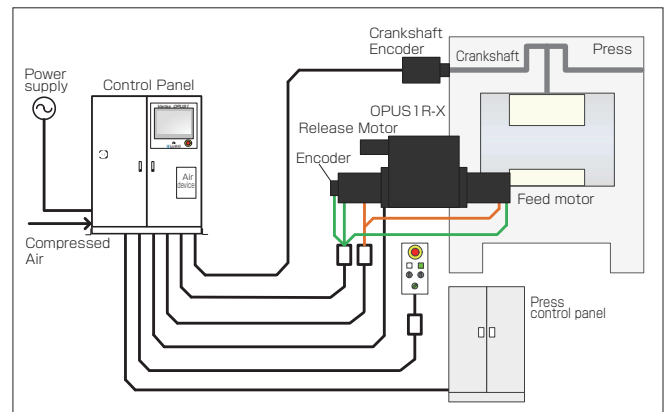


Variax OPUS 1 R-X Series

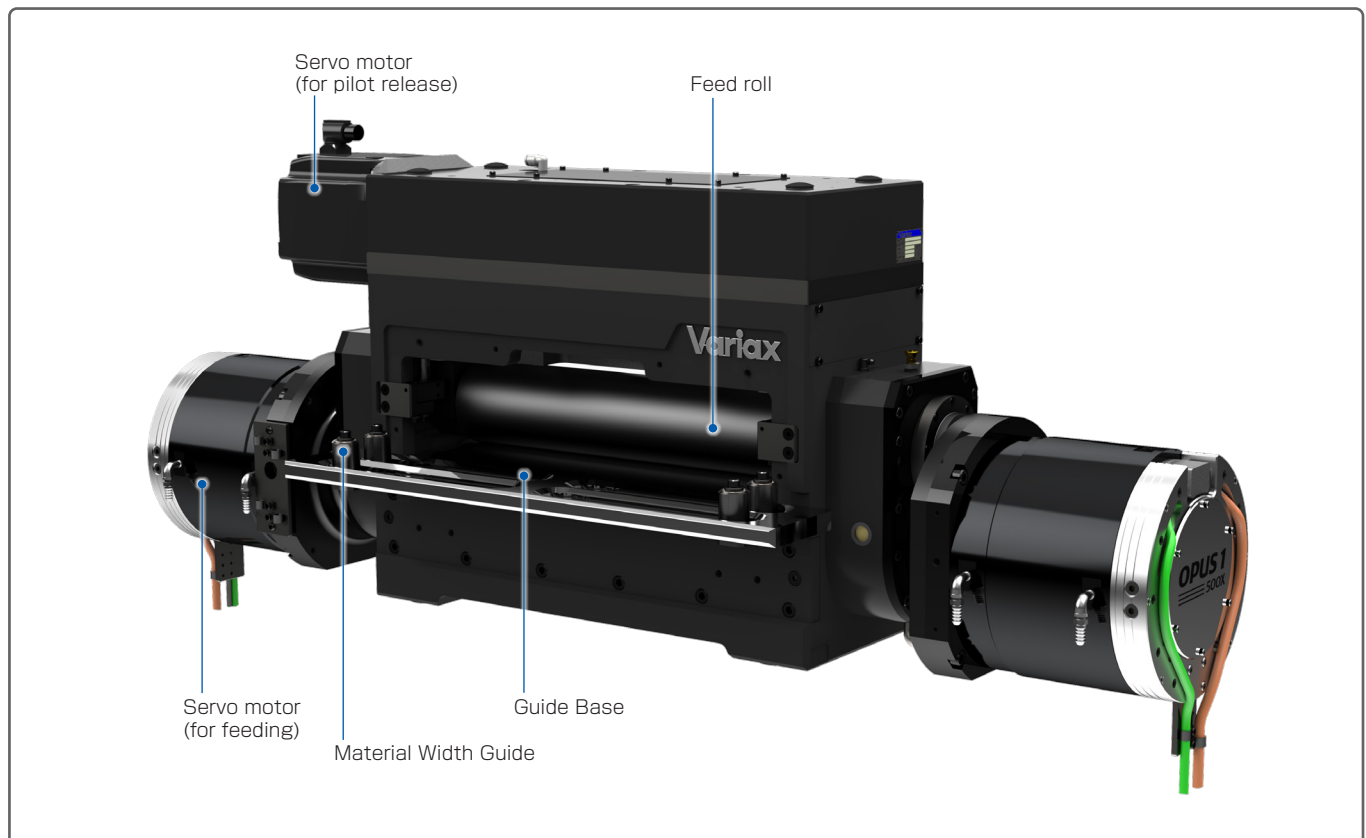
A high-performance servo feeder for presses whose high performance and ease of use is ideal for producing EV vehicle motor cores. Inheriting the features of our standard OPUS1 series, a newly developed twin-core motor drive achieves stable high-speed feeding. An automatic plate thickness measurer and a grip force monitor have been added to improve ease of use.

Features

- Our very best model that provides high speed, high precision, and multiple functions
- Operation status can be checked from a remote location using the communication function
- Excellent operability and a reliable security system
- A wide range of display functions
- Global support for various languages, local standards, and global services
- Allows feeding wide, thin, and soft materials

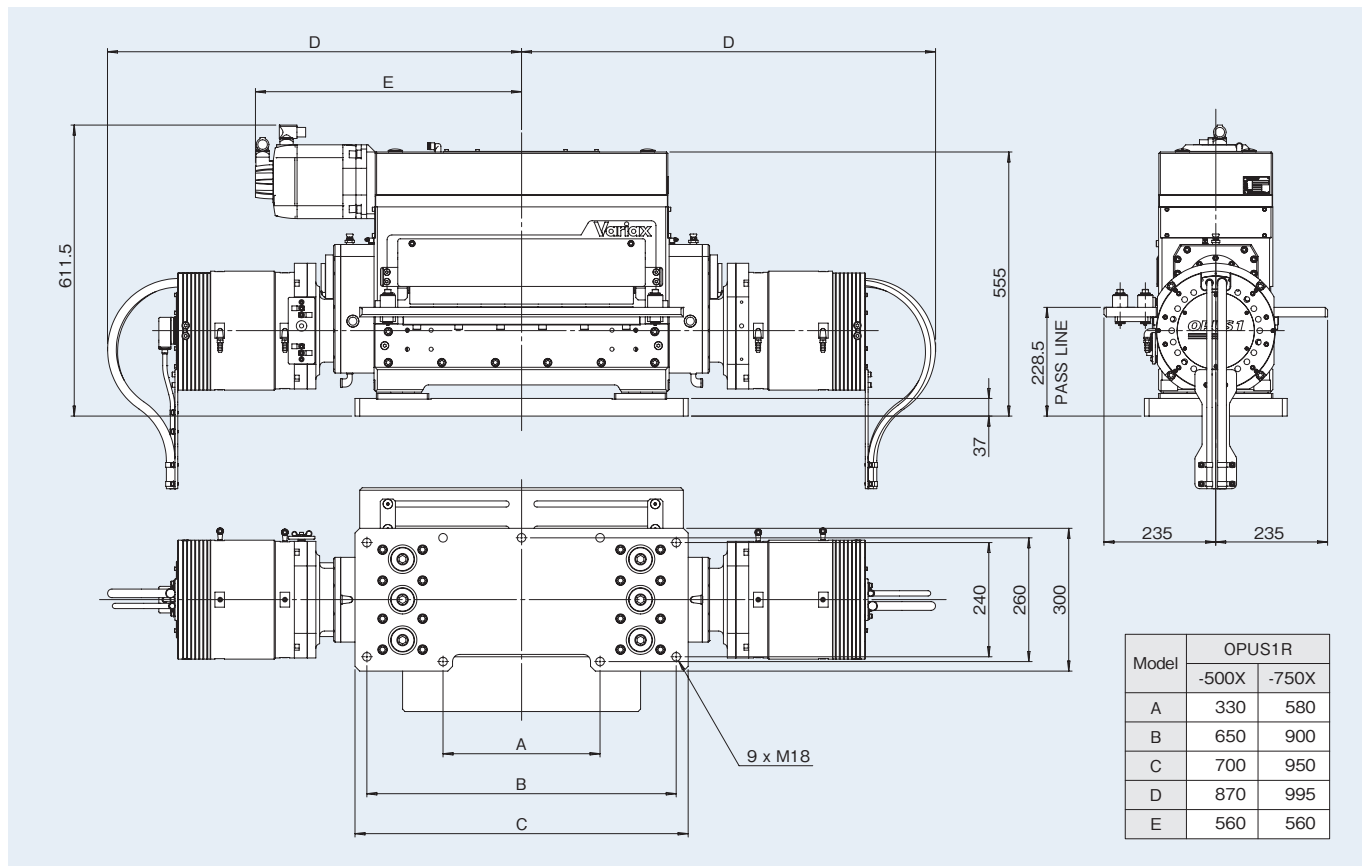


Part names



Dimensions/Specifications

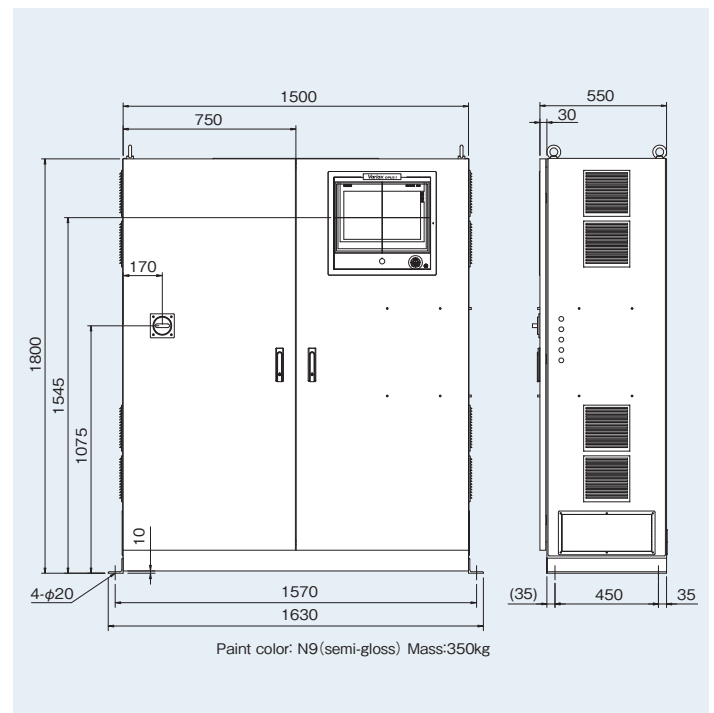
Dimensional drawing



Example of installation

Item	Unit	OPUS1R	
		-500X	-750X
Material width	mm	max 500	max 750
Feed length	mm	1-999*1	
Material thickness	mm	max 5(4.7)*4	
Clamping Force	N	3000~5000	
Pilot release volume	mm	0.5(1.0)*2	
Roll open amount	mm	max 5.7	
Max. press speed	min-1	500(300)*3	
Pilot release angle	°	50~180	
Max. Feeding Speed	m/min	120*1	
Repeat accuracy	mm	±0.03	
Operating air pressure	MPa	0.5~0.6	
Paint color	—	N1.5(Black)	
Product weight	kg	440	535

Control panel dimensional drawings



*1 Please check the separate feed capacity diagram.

*2 Pilot release amounts of 0.5 mm and 1.0 mm are available as optional specifications.

*3 When the pilot release amount is 1.0 mm, the maximum applicable press speed will be 300 min-1.

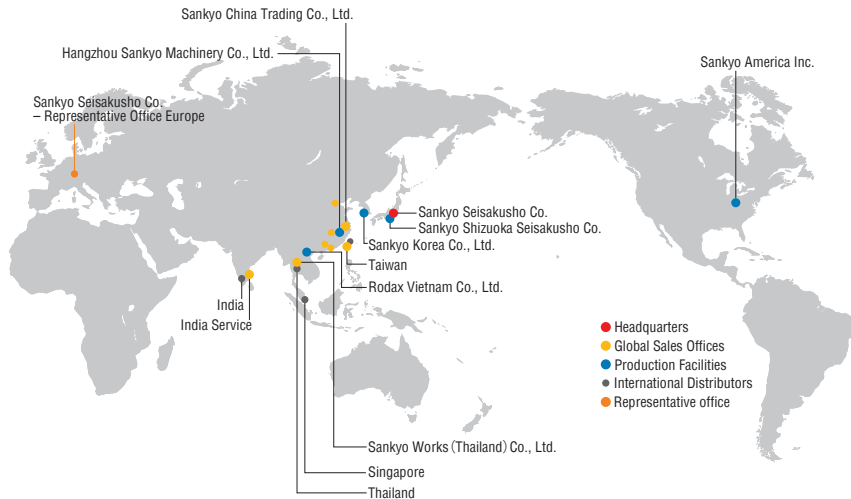
*4 When the pilot release amount is set to 1.0 mm, the upper limit of material thickness is 4.7 mm.

*5 If the motor is water cooled, cooling system (chiller) and hoses are necessary. Use hoses with an inner diameter of $\phi 9$ mm.

When you are making or purchasing a cooling system, select it with the following specifications.

●Cooling capacity: 4.2kW or more ●Minimum recirculation volume: 7.02 L/min ●Installation temperature: 35°C or less

●Please choose a cooling system and pipes that do not contain copper.



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