

VW4 SERIES

MODEL VW4-500R/750R/1000R VW4-500TR/750TR/1000TR



IMM SIZE
300 TON OR LESS



TELESCOPIC ARM



BUILT-IN CONTROLLER



CONTROLLER
HRS-34



INTERNAL MOLD MEMORY
50 MEMORIES



4 LANGUAGES
(WITH KEY SHEET)



VW4-500R

VW4-750TR

Features

● Small-sized body

- Maximum 36% space saving with compact body design adopting Built-In controller.

● Address bigger IMM

- Maximum 20% longer main entry stroke than a previous model. (Maximum 1000mm)
- Raise a vertical home position to 120mm higher position (Optional)

● Stable take out

- Higher rigidity by adopting linear guides for each axis and reviewing the size of frame. (Maximum 35% higher than a previous model)
- Adding DUS system with many experiences with EX4 series. The DUS system is to reduce the stress on the shock absorber by changing the speed of the fast-moving arm.

● Gripper

- Adopting new and high rigidity RCH18 as standard.
- L-shape Wide Gripper (Optional)

● Other

- A vertical home position wheel
- Free space near release point to install a chute or small conveyor
- Adopting "HRS-34" controller.
- 6m pendant cable as standard
- Cancel the risk of contacting cables each other and disconnection by adopting wiring inside-wrist unit.

Model Notation

VW4-500TR

Series Name

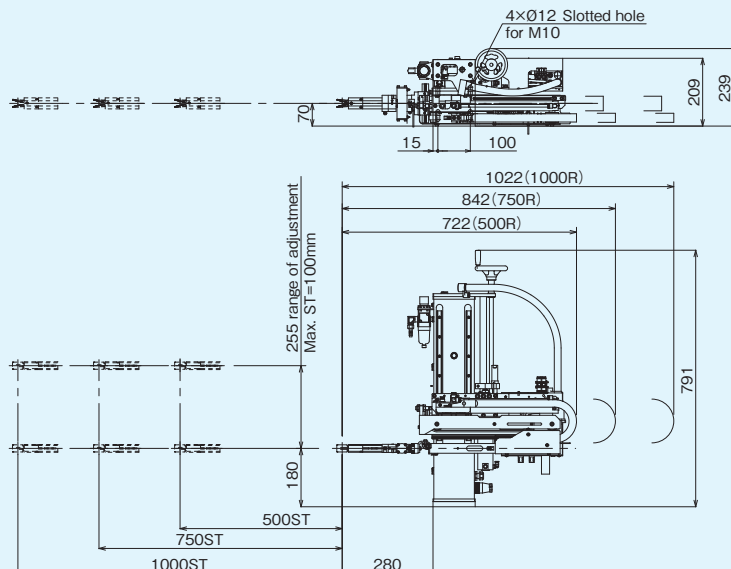
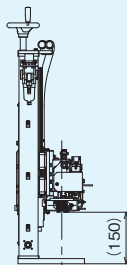
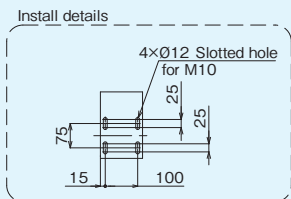
Main Entry Stroke (mm)

500 : 500mm 750 : 750mm 1000 : 1000mm

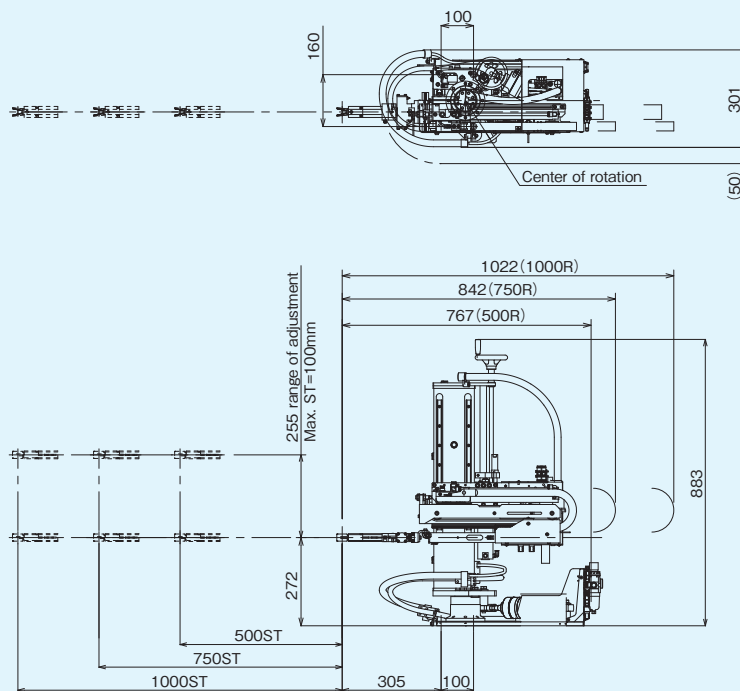
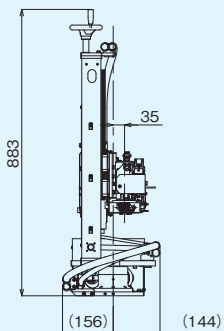
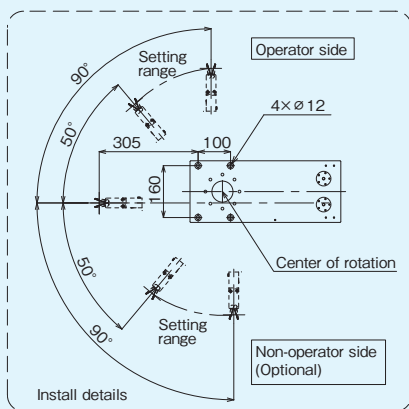
R : with 180 degrees Wrist Rotation

T : Rotation 50 to 90 degrees

VW4-R Type



VW4-TR Type



MODEL		VW4-500R	VW4-750R	VW4-1000R	VW4-500TR	VW4-750TR	VW4-1000TR	
Main Entry Stroke	(mm)	500	750	1000	500	750	1000	
Kick stroke	(mm)							100
Rotate Angle	(°)	-			50~90			
Wrist rotation	(°)					180		
Vertical home position	(mm)	180~435				272~527		
Maximum Payload	(kg)							1
Weight	(kg)	30	31	34	62	64	67	
Working Air Pressure	(MPa)							0.5
Air Consumption	(ℓ/cyc(ANRI))	5.0	6.0	8.2	9.3	10.3	12.5	
Power Supply	(V)							Single Phase 200AC (50Hz/60Hz)
Maximum Power Consumption	(W)							17.5
Power Equipment Capacity	(VA)							18
Maximum Current Consumption	(A)							0.09
Circuit Breaker	(A)							1A (Fuse)

*Standard model air consumption. The use of vacuum ejectors increases the air consumption amount.