

High-Speed Take-Out Robot

HSXi

SERIES

150/250SWi



HSX-250SWi

- Productivity improved by reducing take-out time by 11.2% by (compared to our conventional models)
- Stable operation realized through reduction of suppressed vibration by 94.4% (Y-axis direction/compared to our conventional models)
- Automatic centralized lubrication system equipped as standard to enable stable operation for a long period of time
- Cleanroom compatible: Centralized exhaust, grease catcher, and stainless cover equipped as standard
- Best suited for high-cycle take-out in the food industry, etc.

Controller **HRS-1500**



8.4 inch high-definition LCD screen adopted. Offering excellent operability and legibility.

- **Smart programming**
Customers can easily modify programs on the i-controller screen on site.
- **Peripherals communication**
Peripheral devices can be operated on the control screen of the take-out robot - HARMO's proprietary function.
- **Screen customization**
The content of the screen can be edited to suit your preference.



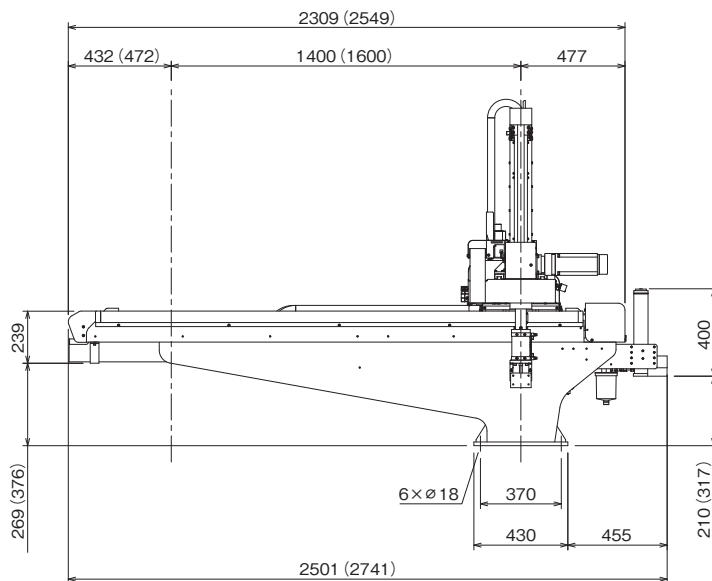
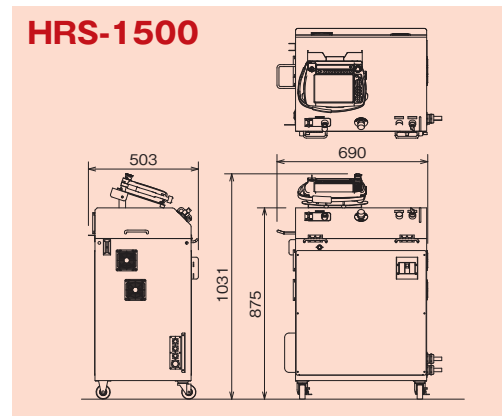
| | | HSX-150Swi | HSX-250Swi |
|--------------------------------------|----------|----------------------------------|------------------------|
| Main Arm Vertical Stroke | (mm) | 800 [900] | 1000 [1100] |
| Main Arm Gripper Height | (mm) | 220 | 300 |
| Main Kick Stroke | (mm) | 530 (163~693) [710 (163~873)] | 710 (170~880) |
| Traverse Stroke | (mm) | 1400 [1600] | 1600 [1800] |
| Wrist Rotation | (°) | 90 | |
| Maximum Payload | (kg) | 3 (Including the EOAT) | 5 (Including the EOAT) |
| Working Air Pressure | (MPa) | 0.5 | |
| Air Consumption | (Nℓ/cyc) | 0.5 | 1.2 |
| Equivalent Noise Level A-Weighted | (dB) | 69.3 | 78.8 |
| Peak Sound Pressure Level C-Weighted | (dB) | 85.7 | 84 |
| H x W x D | (mm) | 1357×2510×1414 | 1585×2741×1596 |
| Main unit weight | (kg) | 365 | 450 |
| Drive Method | | Digital AC servo motor (3 axes) | |
| Power Consumption | (W) | 4342 | |
| Control Method | | Digital AC servo motor | |
| | | Control box (HRS-1500) | |
| H x W x D | (mm) | 1031×690×503 | |
| Weight | (kg) | 80 (Including a pendant) | |

* Enclosed in square brackets [] are options.

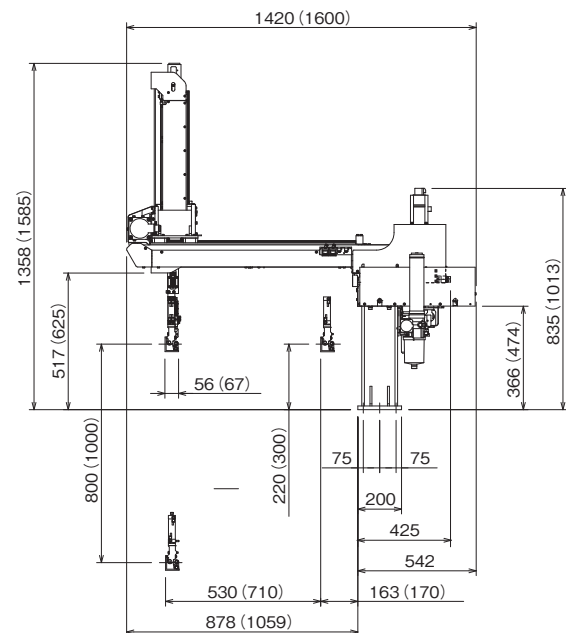
* 70 N L/min is consumed separately when using a vacuum ejector.

Option

- Vacuum & blow circuit - 2 units
- Electric type vacuum & blow circuit
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- Pressure monitoring assy
- Air blow (software provided separately)
- Traverse end pillar
- Grip nipper
- Indicator
- Peripherals communication
- Specified color
- Others



Dimensions in brackets are for 250 model.



Manufacturer:

HARMO CO., LTD.

ISO9001 CERTIFIED

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