



MAYEKAWA AUTOMATED PORK SHOULDER DEBONING ROBOT

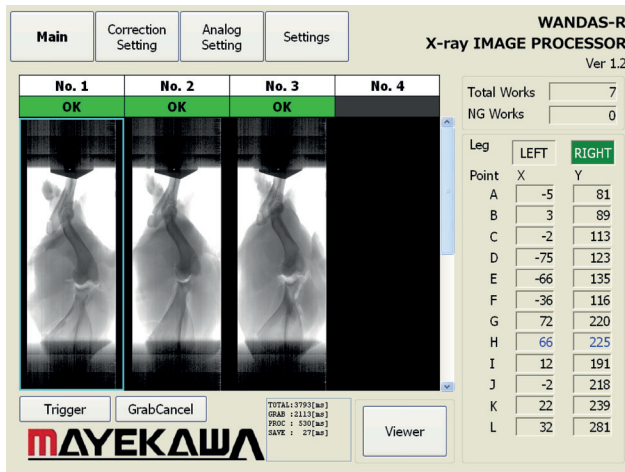
WANDAS-RX



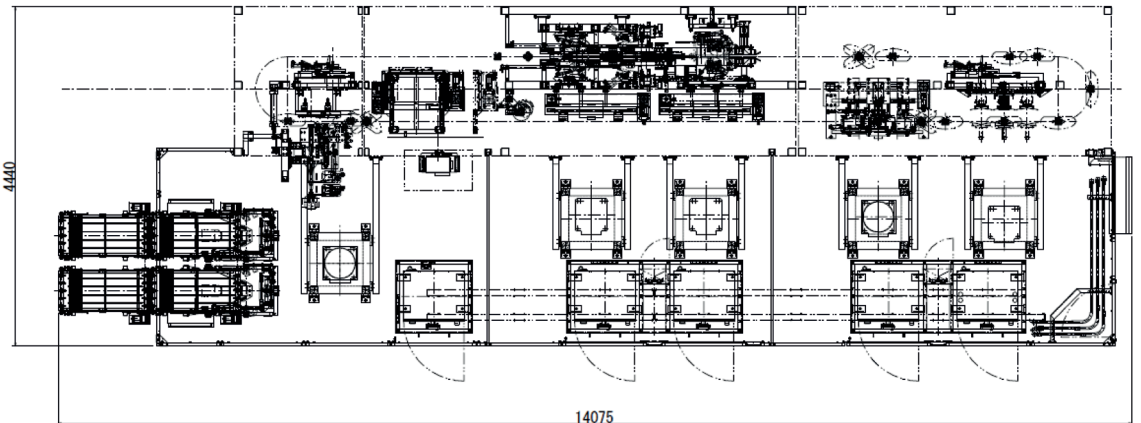
MAYEKAWA WANDAS-RX

After auto-loading a whole pork shoulder, the vertical multi-jointed deboning robot cuts the meat along the bone and debones fore shank and arm bones. The system not only has a x-ray detection system to determine the difference between the right or the left shoulder, but also a function that measures the length of bones enabling the robot to respond to the individual differences between fore shank and arm bones in order to get better yield of deboning and the location of the joint.

The system doesn't cut the meat off, but debones it by dismantling, so the meat is free from the damages caused by knives. Force sensor identifies the most proper torque of cutting with feedback control. Since human hands don't touch the meat, the problem of sanitation and security is highly improved. WANDAS-RX will contribute to yield improvement and man-power savings.



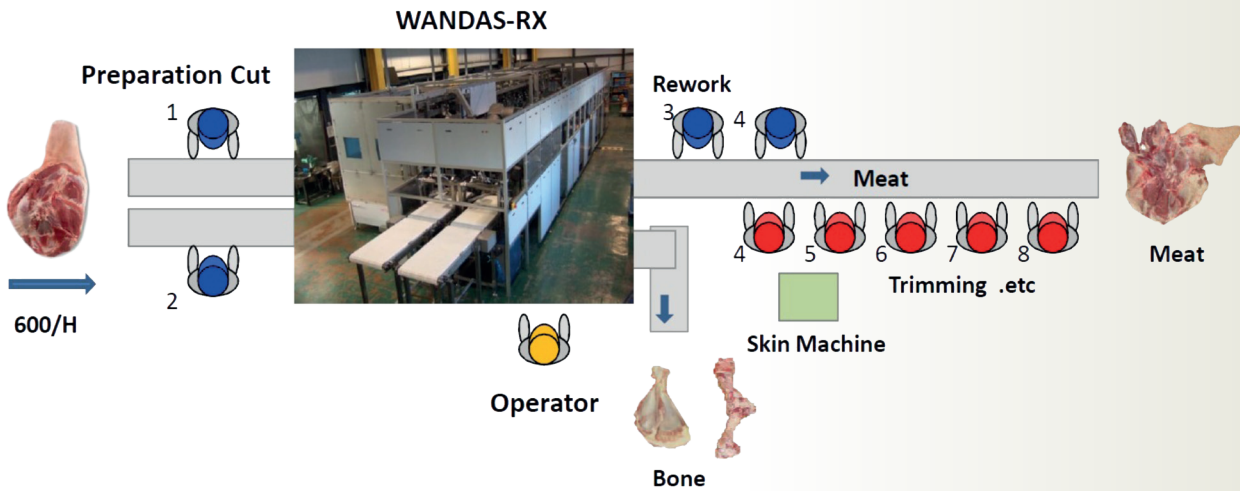
Reference drawings of WANDAS-RX



Reference of system installation

WANDAS-RX Line

(600shoulders//h)



Specifications

Dimension	W 4,500 x L 14,100 x H 3,000 mm
Electricity	AC 200V-220V 50/60 Hz, 42.5 KVA
	three phases,(15 KVA, 27.5 KVA)
Air Supply	2500 L/min Dry Air, Dew point : 5°C Cut 6 barG
Chilled Water	Water chilling Unit
Capacity	600 pieces/h, designated for both left and right Picnic shoulders.

Note: Above specification is subject to change without notice

WORLDWIDE

- 40 countries / 127 offices
- 8 production plants



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