

ROBOTIC HEAD DROPPER

Model JR-50



The Jarvis Model JR-50 Robotic Hog Head Dropper for continuous head dropping operations on the kill floor.

JARVIS

- Six-axis Robotic Hog Head Dropping - capable of line speeds of up to 1200 heads per hour.
- Real-time vision for precise and consistent cuts.
- User adjustable length and angle of cuts allows higher yields.
- Remote diagnostics capability.
- Stainless steel base and a completely jacketed arm makes the JR-50 easy to clean and maintain.
- Stainless steel protective fencing.
- Small footprint to conserve space on the slaughter line.
- Industrial hardened, real-time controller with 3-D vision.



CONSISTENT HIGH PERFORMANCE AND RELIABILITY

ROBOTIC HEAD DROPPER

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Specifications

Drive	Electric
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Model JR-50

Operating Air Pressure	30 psi	2.0 bar
Sanitization		Dip Tank
Overall Dimensions (l x w x h)	4.6 x 4.3 x 5.8 ft	1.40 x 1.32 x 1.78 m
Cage Area	7 x 12 ft	2 x 3.65 m
Weight	1812 lbs	822 kg

Electrical Power Requirements

Operating Voltage	208 - 550 VAC, 3 phase, 50 / 60 Hz
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Model 3HD-1R Cutting Tool

Cutting Force@1800 psi (124 bar) - inside of blade tips	3750 lbf	16.7 kN
Cutting Cycle Time		1.6 sec
Blade Opening		
At Tips (Standard)	9.5 in	241 mm
At Tips (Short)	90 in	229 mm
Length of Cut		
Standard	9.5 in	241 mm
Short	7.45 in	189 mm
Overall Length		
Standard	43 in	1092 mm
Short	39.5 in	1003mm
Weight	48 lbs	21.8 kg

Hydraulic Power Unit

Motor Power	10 hp	7457 W
Operating Voltage	460 / 230 V, 3 phase, 60 Hz	
	other voltages and 50 Hz available	
Oil Capacity	30 gal	114 L
Overall Dimensions (l x w x h)	38 x 28 x 33 in	965 x 711 x 838 mm
Weight (without oil)	380 lbs	172 kg

Equipment Selection and Accessories	Order Number
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Model JR-50	4010001
Model 3HD-1R Cutting Tool with hydraulic power unit	3080160
Blade Lengths	
Standard Length, Hogs	1023160
Short Length, Hogs	1023276



Products for the meat and poultry industry