

Jarvis Products Corporation

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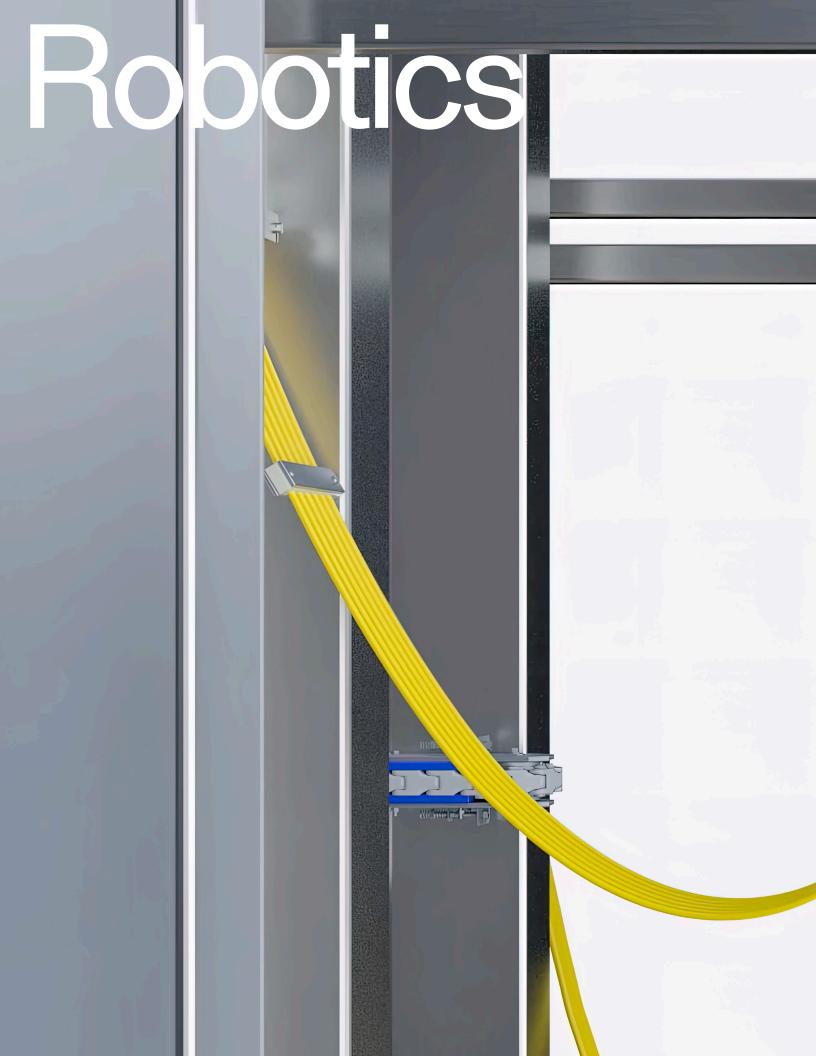
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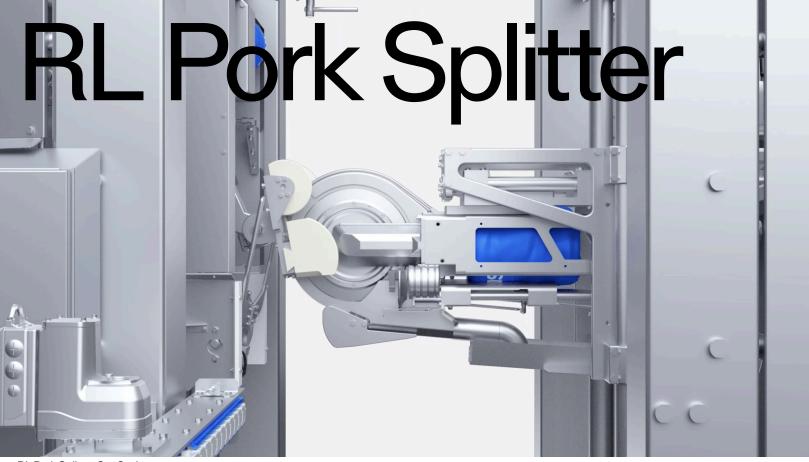


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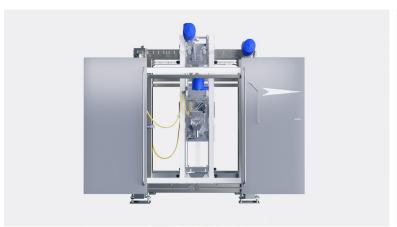






RL Pork Splitter Cut Cycle

Jarvis three-stage stabilizing module to produce precise and consistent results



RL Pork Splitter Front View (Doors Opened)

Designed for easy accessibility to cleaning & maintenance



RL Pork Splitter Front View (Doors Closed)

Designed for versatility, functionality, and simplicity



RL Pork Splitter Side View

Delivers precise and consistent throughput with stability and control

RL Pork Splitter

RLP120 Formerly known as the JLR-900

Make the perfect cut at the fastest line speed possible. This is next generation technology, backed by five generations of traditional Jarvis craftsmanship. Capable of increasing your yield at throughputs up to 900 head per hour per machine. And already setting a new standard in accuracy, hygiene, and reliability under the most demanding conditions. Welcome to the Jarvis **RL Pork Splitter**. The fastest pork splitting robot ever made.

New name. Same robot.

Up to 900 head per hour per machine. Configurable to outpace the fastest line speed. We design, manufacture, and test each RL Pork Splitter to outperform anything else. We've built this robot for customers who need the most extreme processing power, never sacrificing on cut quality. Proven to increase your yield at throughputs up to 900 head per hour per machine. And faster than any other robot out there.

Faster. More accurate. Made with way fewer parts. The RL Pork Splitter completely reimagines the pork splitting process to maximize your speed and increase your yield. No more expensive ball screws. No more wasteful air cylinders. No more complicated sub-systems. Just record-setting throughput. With fewer and higher-quality food-grade components packed inside fully automated cutting and stabilizing modules, the RL Pork Splitter delivers better results without stopping for repairs. So you can increase uptime and lower your total cost of ownership.

With the carcass aligned inside the machine, the saw cuts from top to bottom, supported by food-grade Kevlar timing belts and ultra-long-life bushings on y-axis guides. We purposefully designed everything about the RL Pork Splitter to make operation and maintenance a breeze. A super lightweight, modular saw frame for easy disassembly. Jarvis circular blades, and automatic self-sanitizing and swarf control systems.



RL Pork Splitter Blade Frame

Product design rooted in simplicity for better maintenance and longetivity



Radiused Edges

Each bracket and block down to the finest details uphold the highest standard in cleanliness



Carcass Body Roller

Extends and retracts to any depth for total control of the carcass



Long-Life Bushings

The full bushing design uses the latest in material technology

Speed & Accuracy

RL Pork Splitter Current Generation Linear Robot

850-900
Max Throughput Range

85-95%Max Yield Range

JCK-1 Past Generation Linear Robot

550-600
Max Throughput Range

70-75% Max Yield Range

Preventative Maintenance

RL Pork Splitter
Current Generation Linear Robot

Quarterly

JCK-1 Past Generation Linear Robot

Daily

Clean-Up Time

RL Pork Splitter Current Generation Linear Robot

10 minutes by 1 person

JCK-1 Past Generation Linear Robot

4 hours by 2 people

Water Consumption

RL Pork Splitter Current Generation Linear Robot

2.6L / Cut

JCK-1 Past Generation Linear Robot

5.2L / Cut



Cleans itself, so you don't have to.

Excellent hygiene is critical to the perfect cut. The RL Pork Splitter uses state-of-the-art self-sanitizing and swarf control systems located on both the saw and stabilizing modules to eliminate the need for more human operators. Four sets of high-pressure jets near the saw head and rollers automatically rinse internal components during and after each cut cycle.



Run for longer. Faster. Cooler.

Water travels through enclosed pipes into the 15 HP saw motor, preventing the machine from overheating while operating at incredibly fast throughputs. As the RL Pork Splitter runs through a cut cycle, cold water pumps into a special casing around the motor, then is heated up and funneled back to the sanitizing system for the most hygienic hot rinse of the saw and stabilizing modules.



Over 12 meters of custom bent stainless-steel pipes.

We knew that building the most reliable robot meant taking no short-cuts along the way. The RL Pork Splitter is a powerful blend of advanced automated technology and traditional Jarvis craftsmanship. All of the systems inside the RL Pork Splitter are connected by custom stainless-steel pipes that are bent by hand in our factory, instead of outfitting our modules with the same plastic components used on competitor machines. We put the highest quality foodgrade components through precision manufacturing processes, so you can withstand continued operation at the fastest line speed possible.



More power to the operator.

The RL Pork Splitter is controlled by a durable 14" IP67 Siemens HMI mounted in a NEMA 4X rated 304 stainless steel enclosure and features a completely redesigned interface with operator, engineer, and maintenance specific screens programmed for seamless setup and operation. Filled with run-time statistics like cycle rate, cycle times, saw speed, and chain speed — plus machine diagnostics including active alarms and alarms log — the Jarvis HMI is a powerfully intuitive control center with everything you need in one place.



R6 Pork Head Dropper Isometric View



R6 Pork Head Dropper Tooling



R6 Pork Head Dropper Tooling Top View & Blade Opening

R6 Pork Head Dropper

R6P085

The Jarvis R6 Pork Head Dropper is an industrial robot based high-performance machine which accurately severs the neck, separating the head from the spine at production rates up to 1,200 carcasses per hour. The R6 Pork Head Dropper handles natural variations in carcass anatomy without compromising accuracy or speed.

Operating Principles

In one automated cycle, the following process occurs:
The location of the atlas joint is determined by vision and sent to the controller.

The robot is synchronized to the conveyor chain. The robot travels to its launch position.

At the precise moment, the cutter launches and cuts the spine directly at the atlas joint.

As the cutter returns to the starting position, contact surfaces are cleaned with hot water.

It is constructed with materials, principally stainless steel, aluminum, and specialty plastics, in accordance with the strictest requirements for cleanliness and hygiene. In addition, to prevent bacteria transfer, the principal contact areas are sanitized after each operation.

All mechanical elements of the machine are time tested for durability and long, trouble-free operation for reliability and economical operation.

Accuracy: Between the cervical vertebrae C1 and the skull base (the atlas joint) the R6 Pork Head Dropper is repeatable and accurate to customer cut specifications. Angling the cutter allows control over the amount of meat left on the head and body. Perfecting this metric is a key objective and is part of our continuous improvement initiative.

The Jarvis SIMARC (Scalable Integrated Machine and Robot Control) control is a powerful control with a user friendly operator interface.

The Jarvis Siemens Fanuc control accurately and quickly processes input data from various sources including the chain encoder and controls the 6-axis motion.

Reliable and hardened for harsh operating conditions, it is designed for years of trouble free service.

The operator control is simplified, after years of experience, to allow specific control of the key parameters for maintaining precision cuts.

General Specifications	Line Process Rate	Up to 1,200 / hr / machine
	Carcass Weight Range	Variable
	Carcass Length Range	Variable
	Robot & Cutter	840 kg (1,850 lb)
		1,400 × 1,170 × 1,780 mm
	Controller	160 kg (350 lb)
		890×405×1590 mm
	Hydraulic Power Unit	175 kg (380 lb)
Options	Floor Plan Envelope	Variable
	Safety Cage	Dependant on floor plan envelope
		Consult a Jarvis Representative
	Encoder	Customized to facility
		Consult a Jarvis Representative
	Stabilizing Conveyor	Variable
Jtility Requirements	Electrical (total, robot and hydraulic power unit)	460V / 3 ph, 50A (can be changed per country)
	Hot Water Supply (80° C)	0.3 L / cycle, 3 bar (0.08 gal / cycle, 40 psi)



R6 Beef Front Hock Cutter Isometric View



R6 Beef Front Hock Cutter Tooling



R6 Beef Front Hock Cutter Tooling Top View & Blade Opening

R6 Beef Front Hock Cutter

R6B040 (Dirty) R6B130 (Clean)

The Jarvis R6 Beef Front Hock Cutter is an industrial robot based high performance machine which accurately severs the front hocks at up to 400 per hour. The R6 Beef Front Hock Cutter handles natural variations in carcass anatomy without compromising accuracy or speed.

Operating Principles

In one automated cycle, the following process occurs:

The location of the left and right feet and wrist joints are determined by vision recognition and sent to the cell controller.

The robot is synchronized to the conveyor chain.

The robot travels to its launch position.

At the precise moment, the cutter launches and cuts the first wrist directly through the joint, and then, in the similar fashion, the second foot.

As the cutter returns to the starting position, it is dipped into a sterilizer while the next beef is being inspected by the vision system.

It is constructed with materials, principally stainless steel, aluminum, and specialty plastics, in accordance with the strictest requirements for cleanliness and hygiene. In addition, to prevent bacteria transfer, the principal contact areas are cleaned after each operation.

All mechanical elements of the machine are time tested for durability and long, trouble-free operation for reliability and economical operation.

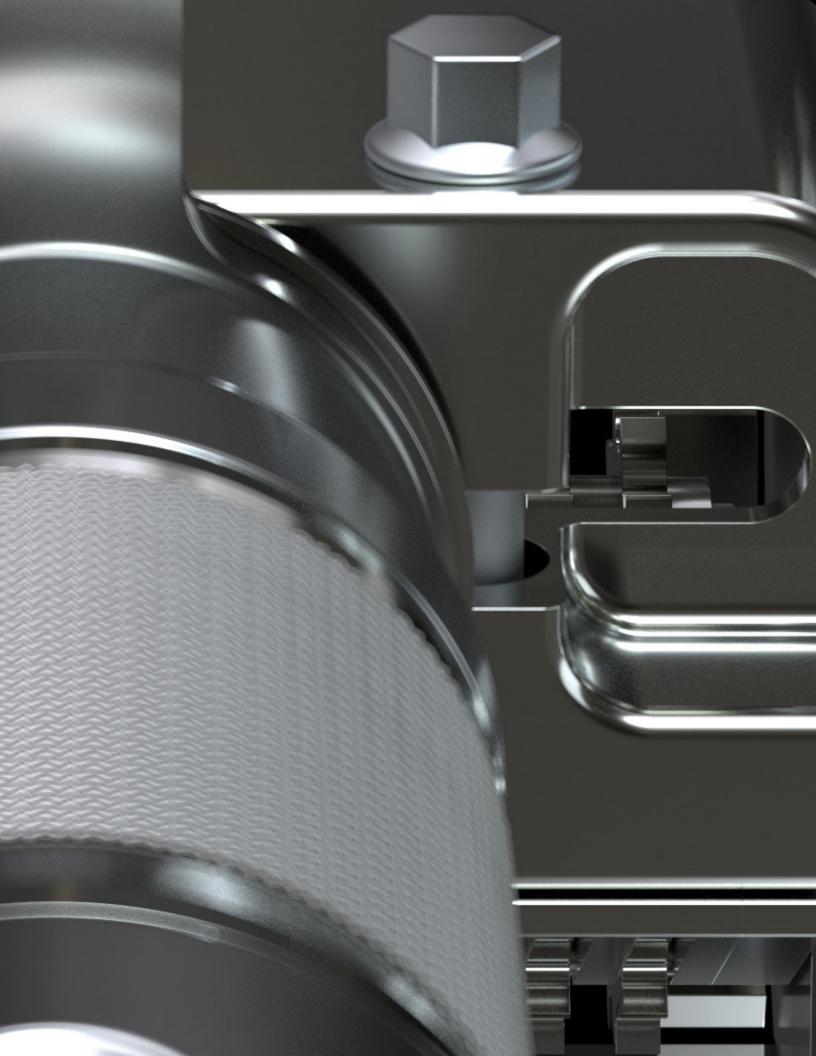
Accuracy: Identification of front leg features allows the R6 Beef Front Hock Cutter to accurately and repeatably perform both dirty and clean cut applications. Perfecting this metric is a key objective and is part of our continuous improvement initiative.

The Jarvis Siemens Fanuc control is a powerful control with a user-friendly operator interface. The control system accurately and quickly processes input data from various sources including vision recognition for controlling the 6-axis robot. Reliable and hardened for harsh operating conditions, it is designed for years of trouble free service.

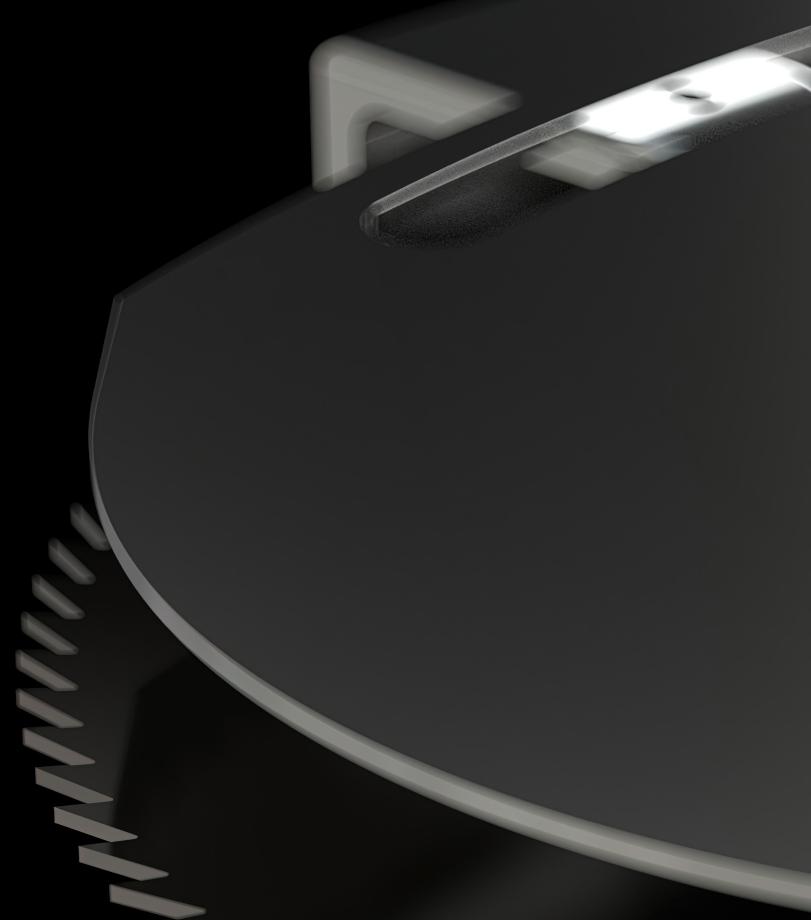
Operator control is simplified, after years of experience, to allow specific control of the key parameters for maintaining precision cuts.

General Specifications	Line Process Rate	Up to 400 / hr / machine
	Carcass Weight Range	Variable
	Carcass Length Range	Variable
	Robot & Cutter	840 kg (1,850 lb)
		1,400 × 1,170 × 1,780 mm
	Controller	160 kg (350 lb)
		890 × 405 × 1590 mm
	Hydraulic Power Unit	175 kg (380 lb)
Options	Floor Plan Envelope	Variable
	Safety Cage	Dependant on floor plan envelope
		Consult a Jarvis Representative
	Encoder	Customized to facility
		Consult a Jarvis Representative
	Stabilizing Conveyor	Variable
Jtility Requirements	Electrical (total, robot and hydraulic power unit)	460V / 3 ph, 50A (can be changed per country)
	Hot Water Supply (80° C)	0.3 L / cycle, 3 bar (0.08 gal / cycle, 40 psi)





Circular Saws





The SPC line of circular saws include applications for spinal cord, brisket, and jowl, along with options for ergonomic handles and dual trigger options on select models.



Beef









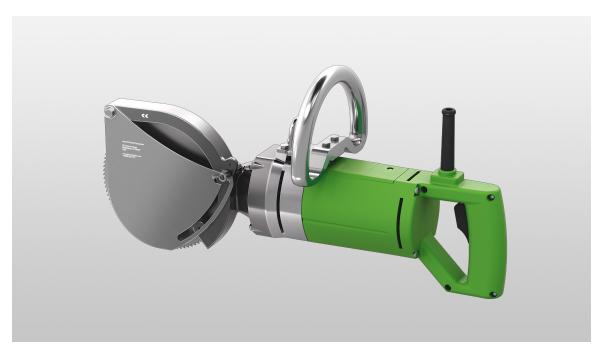




630 W Pneumatic 3.4 kg

	630 W	
	030 W	0.85 hp
	6.2 bar	90 psi
	0.77m³/min	27.3 ft³/min
		1775 rpm
		Single Trigger / Pneumatic
	165 mm	6.5 in
	140 mm	5.5 in
	100 mm	3.9 in
SPC 165, 165B, 165J:	50.8 mm	2 in
SPC 100:	19 mm	0.75 in
SPC 140:	38 mm	1.5 in
SPC 141:	25 or 19 mm	1 or 0.75 in
SPC 142:	35.6 mm	1.4 in
SPC 165G Pork (13 mm):	20.6 mm	0.81 in
SPC 165G Beef (16 mm):	22.4 mm	0.88 in
SPC 165 GT (Tail):	6 mm	0.24 in
SPC 165G, SPC 165GT:	394 mm	15.5 in
all other models:	419 mm	16.5 in
SPC 165G, SPC 165GT:	3.4 kg	7.5 lbs
all other models:	2.65 kg	5.85 lbs
	1.26 m/sec ²	122 dB
one meter from tool:		88 dB
	SPC 100:	165 mm 140 mm 100 mm SPC 165, 165B, 165J: 50.8 mm SPC 140: 38 mm SPC 141: 25 or 19 mm SPC 142: 35.6 mm SPC 142: 35.6 mm SPC 165G Pork (13 mm): 20.6 mm SPC 165 GT (Tail): 6 mm SPC 165G, SPC 165GT: 394 mm all other models: 419 mm SPC 165G, SPC 165GT: 3.4 kg all other models: 2.65 kg 1.26 m/sec²

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SEC 180-4

The single-phase SEC 180-4 is ultra lightweight and flexible, suitable for either rail or table. Its double-insulated electric motor and adjustable depth cut make this saw ideal for pork ribbing, ham marking, shoulder marking, and removing contaminated back bones.



Beef



Pork



Sheep





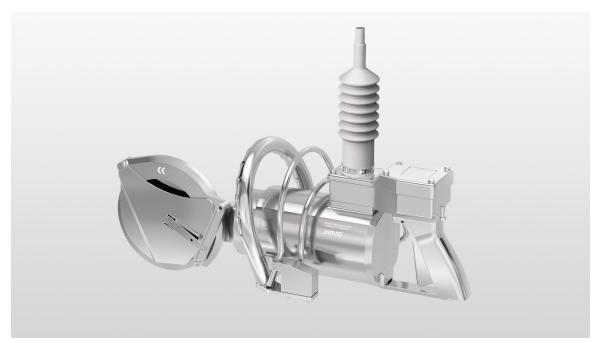








SEC 180-4			
Motor Power		1,400 W	1.9 hp
Blade Diameter		180 mm	7.1 in
Maximum Cutting Depth		66 mm	2.6 in
Overall Length 546 mm		546 mm	21.5 in
Weight 6.6 kg		6.6 kg	14.6 lbs
Operating Voltages			230 / 115 V, 1 phase, 50 / 60 Hz
Control Handle Electric Single Trig		Electric Single Trigger / Dual Handles	
Brake			Mechanical
Vibration (front and rear handles)	Rear:	0.8 m/sec2	118.0 dB
	Front:	2.95 m/sec2	129.4 dB
Noise (one meter from tool)			96 dB
Blade Speed			1,650 rpm



SEC 180-5

The all-new SEC 180-5, our newest generation of SEC saws. The 180-5 uses 25% less parts than the SEC 180-3, reducing weight while minimizing maintenance downtime. An IP56 rating, quieter operation, and minimal vibration makes this our most flexible, durable electric circular saw. With an adjustable 2.6 inch (66 mm) depth of cut, it is perfect for ribbing, quartering and fabricating.



Beef



Pork









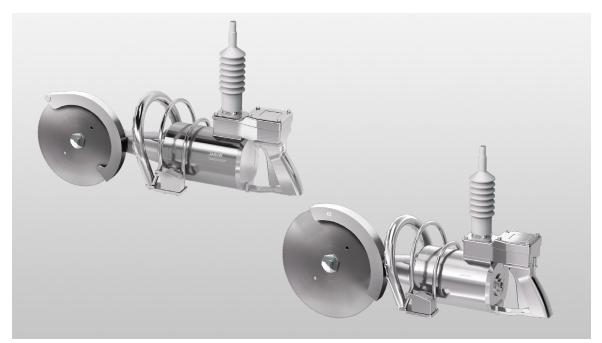








SEC 180-5		
Motor Power	1,400 W	1.9 hp
Blade Diameter	180 mm	7.1 in
Maximum Cutting Depth	66 mm	2.6 in
Overall Length	559 mm	22 in
Weight	13.6 kg	30 lbs
Operating Voltages		400 / 115 / 42 V, 3 phase, 50 Hz
Control Handle		Electric Dual Anti-Tie Down or One Trigger
Brake		Mechanical
IP Rating (debris / liquid protection)		56
Vibration	Less than (<) 0.25 m/sec2	<108 dB
Noise (one meter from tool)		76 dB
Blade Speed		1,375 rpm



SEC 230-5 / SEC 280-5

The all-new 230/280-5 models offer greater horsepower, two blade options, and a maximum cutting depth of 102 mm. Its IP56-rated design is complemented with a 2.5 hp motor, dual trigger option, and an ergonomic handle arrangement to reduce worker fatigue. The -5 models use 25% less parts than its predecessor, making it even easier to clean and maintain. The ideal model for cutting chucks, shoulders, forequarters, ribs, hindquarters, chine bones, briskets, and loins of beef.

























Beef Pork S

Sheep

75 mm SEC 230-5

230 mm SEC 230-5

102 mm 5 SEC 280-5

n 280 mm 5 SEC 280-5

56

1,700 W Ele

3 Phase

18.1 kg

SEC 230-5 / SEC 280-5			
Motor Power		1,700 W	2.25 hp
Blade Diameter	SEC 230-5:	230 mm	9.1 in
	SEC 280-5:	280 mm	11 in
Maximum Cutting Depth	SEC 230-5:	75 mm	3 in
	SEC 280-5:	102 mm	4 in
Overall Length	SEC 230-5:	610 mm	24 in
	SEC 280-5:	686 mm	27 in
Weight		18.1 kg	40 lbs
Operating Voltages			400 / 115 / 42 V, 3 phase, 50 Hz
Control Handle			Electric Dual Anti-Tie Down or One Trigger
Brake			Mechanical
IP Rating (debris / liquid protection)			56
Vibration	L	ess than (<) 0.25 m/sec2	<108 dB
Noise (one meter from tool)			73 dB
Blade Speed			1,350 rpm



MCS-300

This 2 HP, pneumatically powered scribe saw is both lightweight and multi-faceted. Its max cut of 111 mm is ideally suited for the primal cutting of forequarters, chucks, shoulders, and briskets for beef, and chine bones and ham markings for pork.





Pork









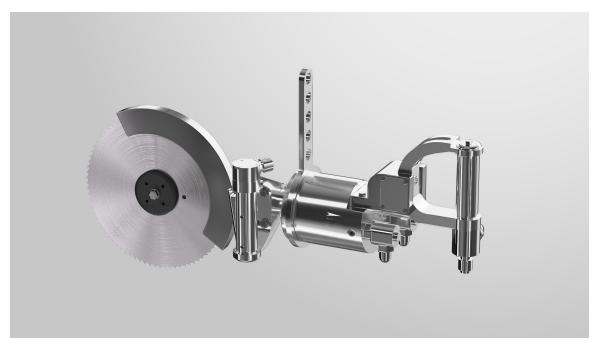


See Table See Table

1,500 W 7 kg Pneumatic

MCS 300				
Motor Power		1500 W		2 hp
Operating Pressure		6.2 bar		90 psi
Air Consumption at 90 psi		1.9 m³/min	6	7 ft³/min
Blade Diameter		203 mm		8 in
		229 mm		9 in
		267 mm		10.5 in
		305 mm		12 in
Cutting Depth (max)	8 inch Blade:	63.5 mm		2.5 in
	9 inch Blade:	76 mm		3 in
	10.5 inch Blade:	91.7 mm		3.6 in
	12 inch Blade:	111 mm		4.4 in
Overall Length	9 inch Blade:	577 mm		22.7 in
	8 inch Brisket Saw:	787 mm		31 in
	9 inch Brisket Saw:	800 mm		31.5 in
Weight		7 kg		15.5 lbs
Vibration		<1.78 m/sec ²		<125 db
Noise (one meter from tool)			91 db	
Blade Speed			1150 rpm	
Control Handle			Single Trigger Pneumatic	

21



1000FS

The 7 HP hydraulic motor in the 1000FS guarantees consistency with every cut, offering an adjustable cutting depth and four different blade options. Ideally suited for beef chucks, shoulders, ribs, forequarters, chine bones, briskets, loins and aitch bones, also suitable for pork chine bones and ham marking.



1000-FS

Motor Power













5220 W

Beef Pork See Table See Table

5,220 W Hydraulic 13.6 kg

				Į.
Blade Diameter		229 mm		9 in.
		267 mm		10.5 in.
		305 mm		12 in.
		380 mm		15 in.
Cutting Depth	with 9 in. Blade:	76 mm		3 in.
	with 10.5 in. Blade:	95 mm		3.8 in.
	with 12 in. Blade:	114 mm		4.5 in.
	with 15 in. Blade:	152 mm		6 in.
Overall Length (15 in. blade)		699 mm		27.5 in.
Weight with Hoses		13.6 kg		30 lbs
Vibration		<2.5 m/sec ²		<128 dB
Blade Speed @ 28.8 Lpm or 7.6 gpm			2150 rpm	
Noise (one meter from tool)			88 dB	
Control Handles			Dual Anti-Tie Down Electric or Air	
Hydraulic Power Unit				
Motor Power		7457 W		10 hp
Hose Length		5 m		16 ft.
Flow Rate		28.8 L/min		7.6 gal/min
Oil Capacity		114 L		30 gal
Oil Viscosity at 40°C 100° F		46 ISO		200 SUS
Overall Dimensions (L W H)		965 798 826 mm		38 31.4 23.5 in.
Weight (without oil)		181 kg		400 lbs
Operating Voltage			460 / 230 V, 3 ph, 60 Hz	
			other voltages and 50 Hz available	
				00

7hp



SEC 400

Our heaviest, most powerful production circular saw. A sealed 5 hp electric motor with electric or mechanical brake, optional dual trigger, and range of blade packages are ideal for large throughput facilities when splitting hogs and sows.

















130 mm 155 mm 193 mm Hog

457 mm 533 mm

E: 49.9 kg M: 59 kg Electric 3 Phase

SEC 400		
Motor Power	3,729 W	5 hp
Blade Diameter	406 mm	16 in
	457 mm	18 in
	533 mm	21 in
Maximum Cutting Depth	130 mm	5.1 in
	155 mm	6.1 in
	193 mm	7.6 in
Overall Length	940 mm	37 in
Weight	49.9 kg	110 lbs
	59 kg	130 lbs
Operating Voltages	575, 460, 415, 380, 230, 220, 208, 115,	42V, 3 phases, 50 / 60 Hz
Control Handle	Electr	ric Dual Anti-tie Down, 12V
Brake		Electrical or Mechanical
Vibration		<120 dB
Noise (one meter from tool)	Less than (<) 1.0 m/sec2	85 dB
Blade Speed		1,350 rpm





404 Wellsaw

The Wellsaw — one of our most reliable breaking saws. This model is our lightest and offers enhanced flexibility. Ideal for production breaking and general use on forequarters, shank bones, aitch bones, brisket opening and splitting, and primal cuts.











Beef 746 \

746 W Electric

1Phase

4.5 kg

404 Wellsaw				
Motor Power		746 W		1 hp
Stroke		29 mm		1.13 in
Blade Lengths		203 mm		8 in
		406 mm		16 in
Overall Length	with 400 mm / 16 in blade:	813 mm		32 in
Weight (without blade)		4.5 kg		9.8 lbs
Blade Speed			8,000 strokes / min	
Control Handle			Single Trigger Pneumatic	
Operating Voltage/Amp			230 V / 3.5 A, 1 Phase, 50 / 60 Hz	

115 V / 7 A, 1 Phase, 50 / 60 Hz



444 Wellsaw

This Wellsaw model is purpose-built for uninterrupted operation, offering a 2 HP single-phase motor. It stands as the suitable choice for production breaking and versatile applications such as forequarters, shank bones, aitch bones, brisket opening, splitting, and primal cuts.











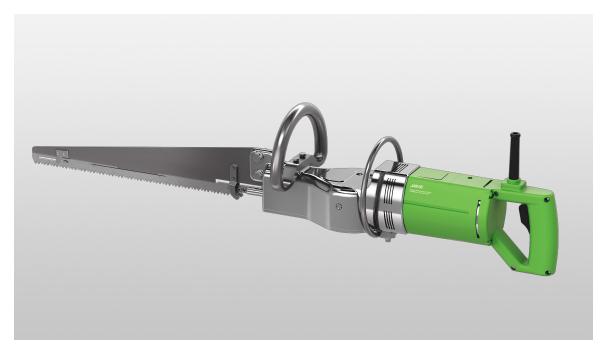
ef 1.491 V

1,491W E

1Phase

10.5 kg

444 Wellsaw				
Motor Power		1491 W		2 hp
Stroke		38 mm		1.5 in
Blade Lengths		203 mm		8 in
		406 mm		16 in
Overall Length	with 400 mm / 16 in blade:	965 mm		38 in
Weight		10.5 kg		23 lbs
Blade Speed			6300 cuts/min	
Control Handle			Single Trigger Electric	
Voltage			115 V, 1 Phase, 50 / 60 Hz	
			230 V,1 Phase, 50 / 60 Hz	
Full Load Amperes	at 115 V:		15 A	
	at 230 V:		7.5 A	
	at 42 V:		41 A	



SER-04

Our highest rated single-phase reciprocating saw guarantees flexibility and speed for production breaking and general purpose use on beef, hogs, sheep, and veal. With a blade speed of 7500 strokes/min, this model is ideal for cutting forequarters, shank bones, primal cuts, aitch bones, brisket opening, and splitting.















Beef Pork Sheep

00 W Electric 1 Pha

8.4 kg

SER-04				
Motor Power		1400 W		1.9 hp
Cutting Stroke		38 mm		1.5 in.
Overall Length (without blade)		54.6 mm		21.5 in.
Weight		8.4 kg		18.5 lbs
Vibration	Rear:	8.3 m/sec ²		138.4 dB
	Front:	6.0 m/sec ²		135.5 dB
Operating Voltage / Amp			115 V / 13 A, 1 Phase, 50 / 60 Hz	
			230 V / 6.5 A, 1 Phase, 50 / 60 Hz	
Control Handles			Single Trigger Dual Handles	
Blade Speed			7,500 Strokes per minute	
Noise (one meter from tool)			95 dB	



MG-1E

The MG-1E houses a totally enclosed 1.9 HP motor, capable of delivering exceptional power and durability. Its lightweight, maneuverable design can handle cut beef and hog brisket in under three seconds, and is available in forequarter (MG-1E-FQ) and hog splitting (MG-1E-HS) configurations.







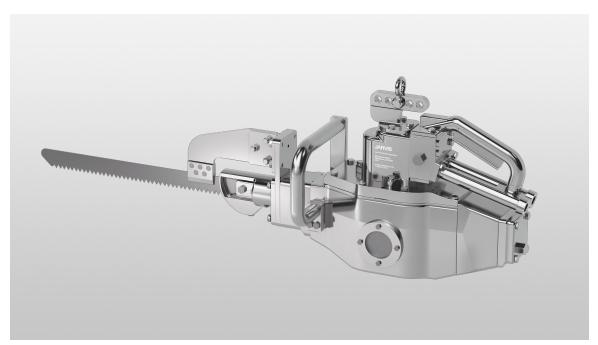




eef Pork Elec

Electric 1,400 W 34.9 kg

MG-1E, MG-1E-FQ, MG-1E-HS				
Motor Power		1400 W		1.9 hp
Blade Lengths		241 mm		9.5 in
_		267 mm		10.5 in
_		292 mm		11.5 in
_		330 mm		13 in
_		415 mm		16.3 in
_		457 mm		18 in
		556 mm		21.9 in
Overall Length (241 mm 9.5 in blade)		787 mm		31 in
Weight	Brisket Saw:	29.6 kg		65 lbs
	Forequarter Saw:	34.9 kg		77 lbs
Vibration		< 4 m/sec ²		< 132 dB
Operating Voltages			, 380, 220, 200, 115, 42 V, 3 Ph, 50 Hz 460, 380, 230, 208, 50 V, 3 Ph, 60 Hz	
Control Handle			Single and Dual Trigger Electric	
Cutting Cycle Time			3 seconds	
Noise (one meter from tool)			85 dB	



MG-1

The oil bath lubricated drive in our hydraulically powered MG-1 helps reduce maintenance time in high-production facilities. While the MG-1 can cut fat cattle brisket in five seconds, the high-performance MG-1B can handle over 200 beef / hour. Models for hog splitting (MG-1-HS), hog brisket cutting (MG-1B-HS), and forequartering (MG-1B-FQ) are available.







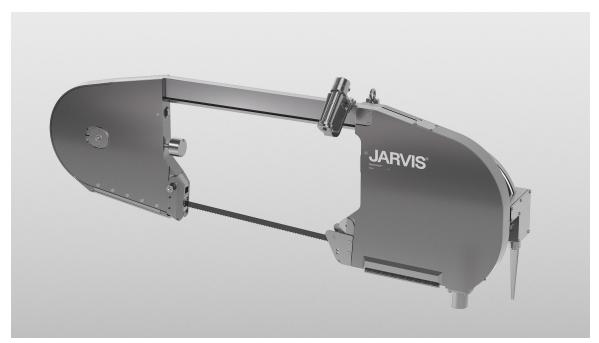


Hydraulic 28.6 kg

MG-1, MG-1-HS, MG-1B, MG-1B	-HS, and MG-1B-FQ		
Blade Lengths		241 mm	9.5 in
		267 mm	10.5 in
		292 mm	11.5 in
		330 mm	13 in
	Hog Splitting:	457 mm	18 in
	Hog Splitting:	559 mm	22 in
	Forequartering:	406 mm	16 in
	Forequartering:	457 mm	18 in
Overall Length (241 mm 9.5 in blade)		787 mm	31 in
Weight	MG-1, MG-1B:	18.6 kg	41 lbs
	MG-1-HS, MG-1-FQ:	28.6 kg	63 lbs
Vibration		< 4 m/sec ²	<132 dB
Control Handle		Sin	gle and Dual Trigger Hydraulic
Noise			88 dB
		Consultational IADVIC®	les office for newer unit / central boy recommendations

Consult your local **JARVIS**® sales office for power unit / control box recommendations





The Buster-4 was designed to withstand demanding applications with comfort, sporting an ultrathin rail for unobstructed vision and dual rear handles. With a capacity of 180 head / hour and fullyopening doors for easy cleaning, this Buster is continuously used in all major U.S. plants for splitting fat cattle.















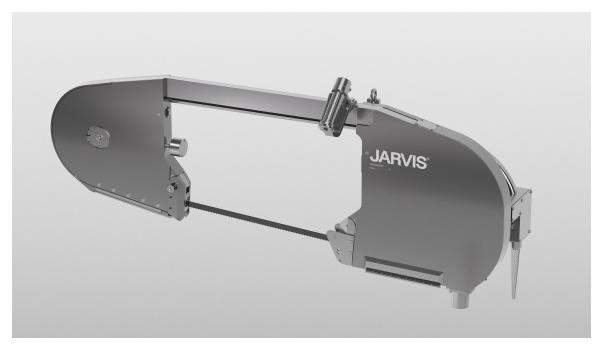
Beef Horse

451 mm

2,500 W

Electric 3 Phase 86 kg

BUSTER-4		
Motor Power	2500 W	3.3 hp
Distance Between Guides	451 mm	17.8 in
Blade Length	3023 mm	119 in
Overall Length	1372 mm	54 in
Weight	86 kg	190 lb
Operating Voltage	460 / 230V, 3 phase, 60 Hz	all other voltages and 50 Hz available
Capacity	180 h	ead / hour
Drive Wheel Speed		620 rpm
Control Handles	Flectric Dual Anti-	-Tie Down



The Buster-5 is recognized worldwide for its superior beef splitting and was designed with the intention of handling the largest carcasses. Equipped with fully opening doors for easy cleaning, ultra-thin rail for unobstructed vision, and a totally enclosed electric motor for operator safety.



Beef











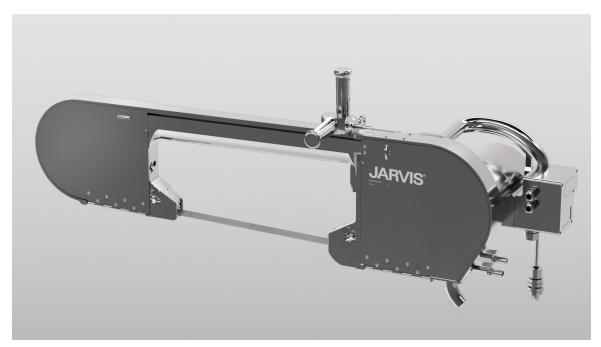




2,500 W 3,730 W

00 W Electric 3 Phase 88.9 kg

BUSTER-5				
Motor Power		2500 W		3.3 HP
		3730 W		5 HP
Distance Between Guides		502 mm		19.8 in
Blade Length		3226 mm		127 in
Overall Length		1448 mm		57 in
Vibration	(less than):	0.6 m/sec ²		115 dB
Weight	3.3 HP:	88.9 kg		191 lbs
Capacity			180 head / hour	
Drive Wheel Speed			530 rpm	
Operating Voltage			460/230 V, 3 Phase, 60 Hz	
			all other voltages and 50 Hz available	
Control Handles			Electric Dual Anti-tie Down	
Noise	1 meter from tool:		85 dB	



This lightweight electric bandsaw is perfect for beef and pork splitting in medium sized production facilities. With an adjustable front wheel alignment for better blade life, the 'stretch' model adds an additional six inches between guides.











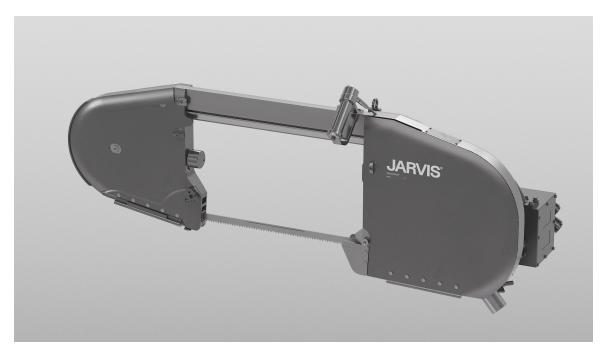
Pork 6: 435 mm ST: 594 mm

W Electric 6: 59.0 kg ST: 63.5 kg

BUSTER-6				
Motor Power		2237 W		3 HP
Distance Between Guides	Buster-6	435 mm		17.1 in
	Buster-6 ST	594 mm		23.1 in
Blade Length	Buster-6	2845 mm		112 in
	Buster-6 ST	3142 mm		123.7 in
Overall Length	Buster-6	1295 mm		51 in
	Buster-6 ST	1454 mm		57.2 in
Height	of front housing:	305 mm		12 in
Weight	Buster-6	59 kg		130 lbs
	Buster-6 ST	63.5 kg		140 lbs
Vibration	less than:	2.5 m/sec ²		128 dB
Capacity	Sows		200 / hour	
	Hogs		400 / hour	
Control Handles			Electric Dual Anti-tie Down	
Noise			(<) 83 dB	
Hot Water/3 sec sanitize cycle	@2.76 bar / 40 psi:	0.38 L		0.1 gal
0 1: 1/1: //1			H 10 16 1 2 1 1 1	

Operating Voltage/Hz

all voltages and frequencies available



Not only is the Buster-9 our heaviest bandsaw, but its sustainably designed cleaning system eliminates the need to immerse the tool for stationary hot water sterilization. The external and internal spray plumbing system reduces the rate of organic material accumulation within the saw housing while preventing the build-up of central nervous system proteins on the saw blade. Available in all voltages.



Beef



Pork









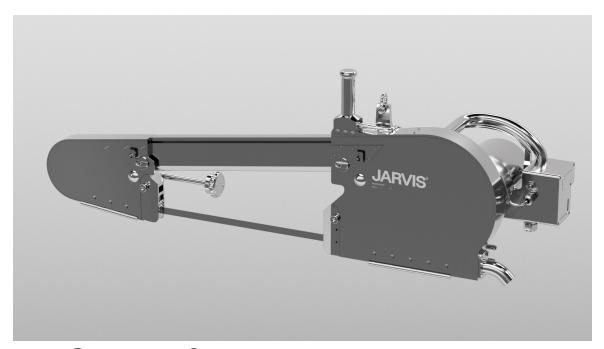






Operating Voltage/Hz			380-415 / 230 / 42 V, 3 Phase, 50 Hz	
Noise	one meter from tool:		84 dB	
Control Handles			Electric Dual Anti-tie Down	
Capacity			180 head / hour	
Vibration	less than:	2.5 m/sec ²		128 dB
	5 HP:	109 kg		240 lbs
Weight	3.3 HP:	99 kg	_	218 lbs
Overall Length		1448 mm		57 in
Blade Length		3226 mm	_	127 in
Distance Between Guides		502 mm		19.75 in
		3729 W		5 HP
Motor Power		2500 W		3.3 HP

380-415 / 230 / 42 V, 3 Phase, 50 Hz 480 / 380 / 240 / 208 V, 3 Phase, 60 Hz



Known as the high production solution for pig splitting, a single operator can handle up to 450 hogs per hour with the Buster-10. With a low-profile idler end, this bandsaw was intricately designed to fit between gambrel and hind quarters. Fitted with an internal spray system to sanitize the front and rear housing.

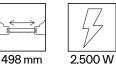


Beef



Horse







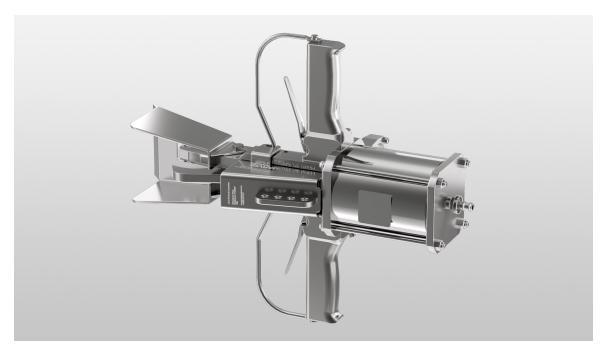






BUSTER-10 Motor Power 2500 W 3.3 HP Distance Between Guides 498 mm 19.6 in Blade Length 2845 mm 112 in Overall Length 1452 mm 57 in Vibration 2.5 m/sec² 128 dB (less than): Weight 73.5 kg 162 lbs Capacity 450 head / hour Operating Voltage 380-415/230/42V, 3 ph, 50 Hz 575/480/380/240/220/208V, 3 ph, 60 Hz Control Handles Electric Dual Anti-tie Down 84 dB Noise 1 meter from tool:





TWC

Versatile, fast, and lightweight, this cutter is equipped with dual triggers for operator safety while producing a quality cut. Intended for tail cutting on beef and hogs, toe web cutting models for hogs are also available; please contact a Jarvis sales representative to learn more.









rk F

Pneumatic 5.6 kg

90 psi 0.108 ft³
0.108.63
0.10011
1.75 in
0.3 in
0.43 in
0.31 in
17.5 in
12.3 lbs

Control Handle Pneumatic Dual Anti-tie Down



4CL

The 4CL is our latest hydraulic hock cutting tool for calves and sheep and is also suited to remove hog and sow toes. With speedy cutting time and a powerful cutting force, three different blade lengths are available. This lightweight (<4 kg) cutter can also be used vertically or horizontally, with a blade guard mountable on either side for operator customization.



Beef













80 mm 84 mm 112 mm

0.7 sec Hydraulic 3.6 kg

4CL				
Space limits		1 m ²		10.8 ft ²
Overall length (L W H)	4025192, 4025193:	404 185 134 mm	-	15.9 7.3 5.3 in
	4025194, 4025195:	424 188 134 mm		16.7 7.4 5.3 in
	4025197, 4025198:	480 203 134 mm		18.9 8 5.3 in
Blade opening	4025192, 4025193:	80 mm		3.1 in
	4025194, 4025195:	84 mm		3.3 in
	4025197, 4025198:	112 mm		4.4 in
Max cutting force (at 2400 psi)		10.9 kN		2,450 lbf
Cutting cycle at 9.84 I/min 2.6 gal/min				0.7 s
Maximum operating pressure		165 bar		2,400 psi
Vibration emission		< 2.5 m/s ²		< 8.2 ft/s ²
Control lever			Single Hydraulic	
Hydraulic Power Unit				
Oil Viscosity at 40° C / 100° F		46 ISO		200 SUS
Oil Flow Rate		9.8 L/min		2.6 gal/min
Operating Voltage			460 / 230V, 3 ph, 60 Hz standard	
			other voltages and 50 Hz available	<u> </u>
Maximum operating pressure		165 bar		2,400 psi

Consult your local **JARVIS®** sales office for power unit / control box recommendations (specify Air or Direct Trigger)



30CL

The 30CL line of cutters include applications for beef fore and hind hock, beef horn, and sheep/goat horn. For a complete list, please contact a Jarvis sales representative.



30CL-1/30CL-3













Beef Pork Goat

1.5 sec Hydraulic 17.2 kg

Blade Opening		102 mm	4 in
Cutting Force		44 kN	9900 lb-f
Overall Length	30CL-1:	813 mm	32 in
	30CL-3:	711 mm	28 in
Weight		17.2 kg	38 lbs
Control Handles	Air / Dual Anti-Tie Down	3.4 bar	50 psi
Cutting Cycle			1.5 sec
Hydraulic Power Unit			
Power		3728 W	5 hp
		7457 W	10 hp
Hose Length		5 m	16 ft
Oil Capacity		76 L	20 gal
		114 L	30 gal
Oil Viscosity	@ 100° F / 40° C:	46 ISO	200 SUS
Dimensions (L W H)	Single:	820 638 759 mm	39.3 35.4 33.8 in
Weight (without oil)	Single:	113 kg	250 lbs
	Dual:	227 kg	500 lbs



ABC-1

Powerful, lightweight, and maneuverable — a single operator can separate the aich bone of up to 1200 hogs / hour. The ABC-1 helps eliminate contamination caused by miscuts to the large intestine, and its stainless-steel construction promises an extensive lifespan.



ABC-1
Blade Opening









Ork 63.5 m

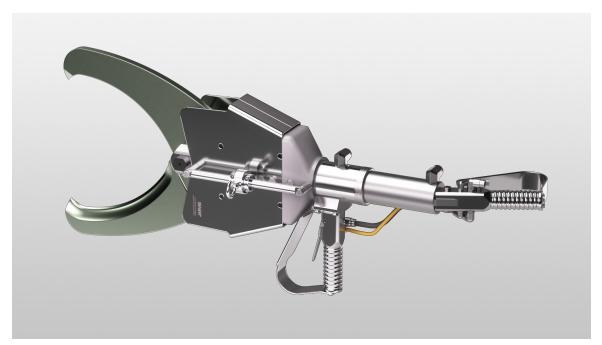
0.9 sec Hydraulic 12.7 kg

Cutting Force	6.2 kN		1400 lbf
Overall Length	775 mm		30.5 in
Weight	12.7 kg		28 lb
Cutting Cycle at 18.9 lpm / 5 gpm		.9 sec	
Control Handles		Air / Dual Anti-tie Down	
Hydraulic Power Unit			
Power	3728 W		5 hp
Hose Length	5 m		16 ft
Oil Capacity	76 L		20 gal
Oil Viscosity at 40°C / 100°F	46 ISO		200 SUS
Oil Flow Rate	18.9 lpm		5 gpm
Dimensions (L W H)	808 645 759 mm		31.8 25.4 29.9 in
Weight (without oil)	113 kg		250 lb
Voltage		460 / 230 V, 3 Phase, 60 Hz	

63.5 mm

other voltages and frequencies available

2.5 in



3HD

For butcher hogs, sows, boars, and beef, the 3HD is the most dependable head dropper, providing flexible handling and maneuverability. With a single operator capable of handling 1200 hog / hour, this cutter's stainless-steel construction and single-piece clevis present immaculate hygiene with minimal maintenance.



Beef

3HD



Pork



St: 1,092 mm







1.6 sec Pneumatic 21.8 kg

 \triangle

Blade Opening at Tips	Standard:	241 mm	9.5 in
	Short:	229 mm	9 in
Overall Length	Standard:	1092 mm	43 in
	Short:	1003 mm	39.5 in
Weight		21.8 kg	48 lbs
Cutting Force		6 kN	1350 lb-f
Cutting Cycle Time		1.6 sec	
Control Handles		Air or Electric Dual Anti-Tie Down	
Hydraulic Power Unit			
Motor Power		7457 W	10 hp
Hose Length		5 m	16 ft
Oil Capacity		114 L	30 gal
Oil Viscosity @ 40°C / 100°F		46 ISO	200 SUS
Overall Dimensions (L W H)		965 798 826 mm	38 31.4 32.5 in
Weight (without oil)		181 kg	400 lbs
Operating Voltage		460 / 230 V, 3 Phase, 60 Hz	



30LD

This hydraulic loin dropper boasts a 310 mm blade opening, performing precision cuts at a 1.5 second cut cycle. The 30LD is stainless steel, including solid stainless-steel blades and a single piece clevis.















Beef Pork Sheep 310 mm

1.5 sec Hydraulic 25.4 kg

30-LD			
Blade Opening		310 mm	12 in.
Cutting Force		44 kN	9900 lb-t
Overall Length		1092 mm	43 in.
Weight		25.4 kg	56 lbs
Cutting Cycle			1.5 sec
Control Handles	Air / Dual Anti-tie Down	3.4 bar	50 psi
Hydraulic Power Unit			
Power		3728 W	5 hp
Hose Length		5 m	16 ft
Oil Capacity		76 L	20 gal
Oil Viscosity at 40° C / 100° F		46 ISO	200 SUS
Dimensions (L W H)		820 638 759 mm	32.2 25.1 29.9 in.
Weight (without oil)		113 kg	250 lb
Voltage			460 / 230 V, 3 Phase, 60 Hz

460 / 230 V, 3 Phase, 60 Hz other voltages and 50 Hz available



50CL

Designed for forequartering and loin dropping, this hydraulic cutter can handle up to 400 beef carcasses / hour. With greaseable pivot points for extended life and a stainless steel construction, the 50CL is easy to maintain.











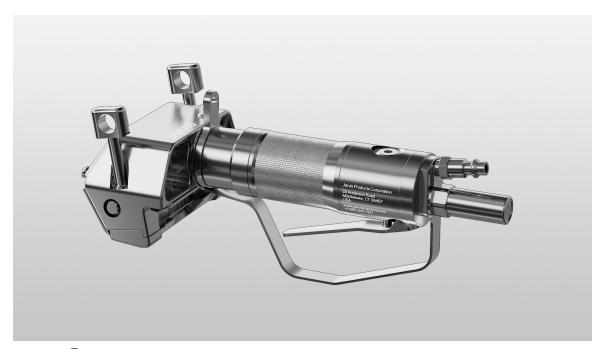
3eef 297 m

1.6 sec Hydraulic 37.6 kg

50CL			
Blade Opening		297 mm	11.7 in
Cutting Force		44 kN	9900 lb-f
Overall Length		1219 mm	48 in
Weight		37.6 kg	83 lbs
Control Handles	Air / Dual Anti-tie Down	3.4 bar	50 psi
Cutting Cycle			1.6 sec
Hydraulic Power Unit			
Power		5593 W	7.5 hp

Hydraulic Power Unit		
Power	5593 W	7.5 hp
Hose Length	5 m	16 ft
Oil Capacity	113.6 L	30 gal
Oil Viscosity @ 40° C / 100° F	46 ISO	200 SUS
Dimensions (L W H)	724 572 711 mm	28.5 22.5 28 in
Weight (without oil)	170 kg	375 lbs





JHSL

Our ultra-lightweight handheld pneumatic skinner comes in four different cutting depths to provide controlled removal of skin and fat. Designed for fast and efficient removing of trimming strips, rounds, butts, hindquarters, and loins from pork carcasses, the JHSL is also useful for handheld trimming of beef, poultry and fish (including tuna).



Beef



Pork













Poultry Fish 1.5-6.6 mm

90 PSI Pneumatic 1.61 kg

JHSL			
Motor Power		522 W	0.7 hp
Operating Pressure		6.2 bar	90 psi
Air Consumption		0.71 m³/min	25 ft³/min
Control Handle		One Trigger	Pneumatic
Skinning Width		76 mm	3 inch
Skinning Depth	JHSL 315	1.5 mm	.06 in
	330	3 mm	.12 in
	350	5.1 mm	.20 in
	365	6.6 mm	.26 in
Overall Size (L W H)		231 114 64 mm	9.1 4.5 2.5 in
Weight		1.61 kg	3.54 lbs
Vibration		111 dB	0.36 m/sec ²
Toothroll Speed			650 rpm
Noise at 1 meter			94 dBA



DR-1/DR-2

The DR-1 and DR-2 hide cleaners instantly remove matted hair and dung from an animal's hind in one motion and can clean up to 250 animal / hour. Eliminate the stress of hand-cleaning each hide.







Hydraulic 29 kg

DR-1, DR-2				
Dimensions (L W H)	DR-1:	991 343 521 mm		39 13.5 20.5 in
	DR-2:	917 371 363 mm		36.1 14.6 14.3 in
Weight		29 kg		64 lbs
Vibration	DR-1:		Side: 0.2 m/sec²; Rear: 0.4 m/sec²	
	DR-2:		Side: 1.0 m/sec ² ; Rear: 2.1 m/sec ²	
Capacity			250 / hour	
Control Handles			Air / Electric Dual Anti-Tie Down	
Noise (one meter from tool)	DR-1:		80 dB	
	DR-2:		82 dB	

Hydraulic Power Unit		
Motor Power	10 hp	7457 W
Hose Length	5 m	16 ft
Oil Capacity	114 L	30 gal
Oil Viscosity @ 40° C / 100° F	46 ISO	200 SUS
Dimensions (L W H)	965 798 826 mm	38 31.4 32.5 in
Weight (without oil)	181 kg	400 lbs
Voltage		460 / 230 V, 3 phase, 60 Hz

460 / 230 V, 3 phase, 60 Hz other voltages and 50 Hz available





JC3A

With an ultra-efficient motor, the JC3A was designed for long life and low maintenance. Weighing less than 1.5 kg, this dehider skins perfectly while providing minimal vibration to the operator.





Pork







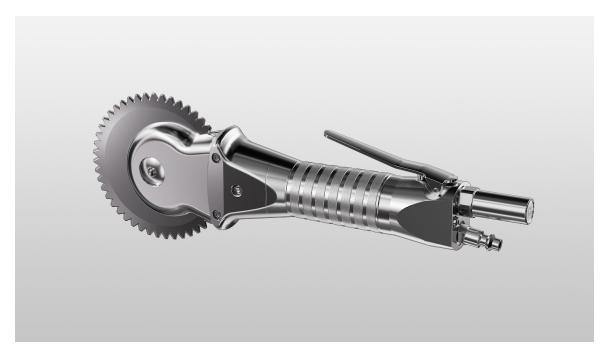


100 mm 110 mm

Pneumatic 1.3 kg

JC3A		
Motor Power	410 W	0.55 hp
Operating Pressure	3.1 bar	45 psi
	6.2 bar	90 psi
Air Consumption	0.34 m³/min	12 ft³/min
Blade Diameters	100 mm	3.9 in
	110 mm	4.3 in
Overall Length	330 mm	13 in
Weight	1.3 kg	2.9 lbs
Blade Speed (in oscillations)	6	6500-7000 / min

Control Handle Single Pneumatic Trigger



JC4A

The JC4A provides more pneumatic power while reducing air consumption, using less air than ever before. Regulated to deliver constant torque in the most demanding conditions, providing the highest quality hides with efficiency.













Beef Pork Sheep

100 mm Pneumatic 1.4 l 110 mm

JC4A			
Motor Power	522 W	0.7 hp	
Operating Pressure	3.1 bar	45 psi	
	3.8 bar	55 psi	
Air Consumption	0.34 m³/min	12 ft³/min	
Blade Diameters	100 mm	3.9 in	
	110 mm	4.3 in	
Overall Length	330 mm	13 in	
Weight	1.4 kg	3.1 lbs	
Blade Speed (in oscillations)	6	6500-7000 / min	

Control Handle Single Pneumatic Trigger





USSS-1E

The USSS-1E consumes the least amount of air per cycle, making it the ideal pneumatic stunner for smaller operations. Rendering stunned animals insensible to pain with one humane shot, its lightweight frame reduces operator fatigue while the ergonomic auxiliary handle rotates to operator preference.









175 PSI (Max)

PSI Pneumatic

12 kg

USSS-1E		
Normal Operating Pressure	6.9-12.1 bar	100-175 psi
Maximum Operating Pressure	12.1 bar	175 psi
Air Consumption / cycle at 12.1 bar / 175 psi	11.3 L	0.4 ft ³
Penetrating Striking Cap Diameter	13 mm Ø	0.5 in Ø
Rod Velocity at 12.1 bar / 175 psi	48 m/sec	156 ft/sec
Overall Dimensions (L W H)	505 216 292 mm	20 8.5 11.5 in
Weight	12 kg	26 lbs

Control Handles

Pneumatic / Single or Dual Trigger



USSS-2E

The USSS-2E is the ideal pneumatic concussion stunner for low energy consumption, providing halal compliant stunning with the same efficiency as the USSS-1E. With two different firing sequences to reduce accidental activation, this stunner is easy to handle, repair, maintain, and clean.



Beef







175 PSI (Max)

Pneumatic 13 kg

USSS-2E		
Normal Operating Pressure	8.6-12.1 bar	100-175 psi
Maximum Operating Pressure	12.1 bar	175 psi
Air Consumption / cycle at 12.1 bar / 175 psi	11.3 L	.4 ft³
Concussion Striking Cap Diameter	54.1 tapered to 35.1 mm Ø	2.13 to 1.38 in Ø
Rod Velocity at 175 psi / 12 bar	29 m/sec	96 ft/sec
Overall Dimensions (L W H)	571 216 292 mm	22.5 8.5 11.5 in
Weight	13 kg	28 lbs

Control Handles Pneumatic / Single or Dual Trigger



USSS-21

Firing faster while using 25% less air, the USSS-21 is our most popular high-speed penetrating stunner. Its lightweight, oblong shaped stunning rod was designed for easier skull penetration and its redesigned auxiliary handle rotates to the operator's preference.









Beef 240 P

240 PSI Pneumatic (Max)

16.6 kg 17.5 kg 16.8 kg

USSS-21 / 21R			
Normal Operating Pressure		12.1-16.6 bar	175-240 psi
Maximum Operating Pressure		17.2 bar	250 psi
Air Consumed per Cycle @ 175 psi:		17.8-23.5 L	0.63-0.83 ft ³
Shaft Diameter		19 13.2 mm Ø	0.75 0.52 in Ø
Shaft Velocity @ 175 psi:		39.6 m/sec	130 ft/sec
Control Handles			Pneumatic Dual Trigger
Overall Dimensions (L W H)		482 229 445 mm	19 9 17.5 in
Weight	Knocker Box Side Handle:	16.6 kg	36.5 lbs
	Knocker Box Rear Handle:	17.5 kg	38.5 lbs
	Restrainer Rear Handle:	16.8 kg	37 lbs



USSS-22A

The USSS-22A features 5-10% faster bolt speed, making it our most powerful non-penetrating stunner. Its dual handle configuration helps reduce kick back, reducing operator fatigue while providing accurate head contact.









f 245 PS (Max)

245 PSI Pneumatic

16.9 kg 17.8 kg 17.1 kg

USSS-22A (54 mm)			
Normal Operating Pressure		12.1-16.9 bar	175-245 psi
Maximum Operating Pressure		17.2 bar	250 psi
Air Consumed per Cycle @ 175 psi:		17.8-23.5 L	0.63-0.83 ft ³
Shaft Diameter	Striking End:	53.98 mm	2.125 in
	Rod:	34.93 mm	1.375 in
Shaft Velocity @ 175 psi:		29 m/sec	95 ft/sec
Control Handles			Pneumatic Dual Trigger
Overall Dimensions (L W H)		531 229 445 mm	20.9 9 17.5 in
Weight	Knocker Box Side Handle:	16.9 kg	37.2 lbs
	Knocker Box Rear Handle:	17.8 kg	39.2 lbs
	Restrainer Rear Handle:	17.1 kg	37.8 lbs
USSS-22A (60 mm)			
Normal Operating Pressure		13.1-16.9 bar	190-245 psi
Maximum Operating Pressure		17.2 bar	250 psi
Air Consumed per Cycle @ 175 psi:		17.8-23.5 L	0.63-0.83 ft ³
Shaft Diameter	Striking End:	60 mm Ø	2.36 in Ø
	Rod:	34.9 mm Ø	1.37 in Ø
Shaft Velocity @ 175 psi:		27.4 m/sec	90 ft/sec
Control Handles			Pneumatic Dual Trigger
Overall Dimensions (L W H)		531 229 445 mm	20.9 9 17.5 in
Weight	Knocker Box Side Handle:	16.9 kg	37.2 lbs
	Knocker Box Rear Handle:	17.8 kg	39.2 lbs
	Restrainer Rear Handle:	17.1 kg	37.8 lbs



Power Actuated Stunner

Concussion 4144080

Type C, CIP 5.6 mm R / .22R Caliber, 1.0 Grain Max

4144080		
Concussion Head Diameter	Ø 25.4 mm	Ø 1.0 in
Max Bolt Extension (with Max Grains)	6 mm	.25 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	317 mm Ø 46 mm	12.5 in Ø 1.8 in
Weight	1.6 kg	3.5 lbs

Suggested Cartridge

Key
Poultry Piglets

CIP 5.6 mm R Caliber Cartridge Numbers for Europe				
Part Number	Descripti	on	Rounds	Applications
			per Pkg	
1176101	LL	Green Light Load Cartridge, 1.0 Grain / 65 mg	1,000	400
1176102	LL	Green Light Load Cartridge, 1.0 Grain / 65 mg	50	A 20, 1649

Note: The PAS C-Type cylindrical line of stunners come in a variety of applications and sizes. For a complete list, including the recommended cartridge selection, please contact a **JARVIS**° Sales representative.



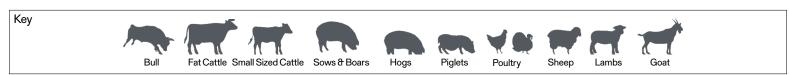
Power Actuated Stunner
Penetrating 4144050
Type C, CIP 5.6 mm R Caliber / .22R Caliber, 4.5 Grains Max

4144050		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	73 mm	2.9 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	386 mm Ø 54 mm	15.2 in Ø 2.1 in
Weight	3.2 kg	7 lbs



Power Actuated Stunner
Penetrating 4144053
Type C, CIP 5.6 mm R / .22R Caliber, 4.5 Grains Max

4144053		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max. Bolt Extension (with Max Grains)	89 mm	3.5 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	411 mm Ø 54 mm	16.2 in Ø 2.1 in
Weight	3.2 kg	7 lbs



CIP 5	.6 mm F	Caliber Cartridge Numbers for Europe		
Part Number	Descripti	ion	Rounds	Applications
			per Pkg	
1176101	ш	Green Light Load Cartridge, 1.0 Grain / 65 mg	1,000	10
1176102		Green Light Load Cartridge, 1.0 Grain / 65 mg	50	
1176103		Green Cartridge, 1.25 Grains / 81 mg	1,000	
1176104		Green Cartridge, 1.25 Grains / 81 mg	50	AN LA SOL
1176105		Yellow Cartridge, 2.5 Grains / 162 mg	1,000	
1176106		Yellow Cartridge, 2.5 Grains / 162 mg	50	A TO
1176107		Blue Cartridge, 3.0 Grains / 194 mg	1,000	
1176108		Blue Cartridge, 3.0 Grains / 194 mg	50	
1176109		Red Cartridge, 4.0 Grains / 260 mg	1,000	
1176110		Red Cartridge, 4.0 Grains / 260 mg	50	
1176111		Black Cartridge, 4.5 Grains / 292 mg	1,000	
1176112		Black Cartridge, 4.5 Grains / 292 mg	50	



Power Actuated Stunner

Penetrating 4144052

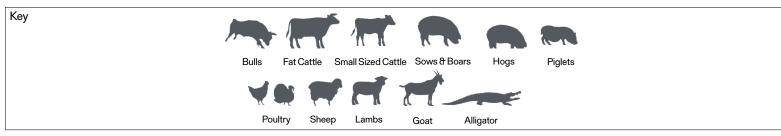
Type C, CIP 6.35 mm Caliber / .25R Caliber, 4.5 Grains Max

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Power Actuated Stunner
Penetrating 4144055
Type C, CIP 6.35 mm Caliber / .25R Caliber, 4.5 Grains Max

4144052		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	89 mm	3.5 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	411 mm Ø 54 mm	16.2 in Ø 2.1 in
Weight	3.2 kg	7 lbs

4144055		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	73 mm	2.9 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	411 mm Ø 54 mm	16.2 in Ø 2.1 in
Weight	3 kg	6.5 lbs



CIP 6	3.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	AN LA SON LA
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	THE MINISTER
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120		Yellow Cartridge, 3.5 Grains / 227 mg	50	
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000	
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50	
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000	
1176124		Red Cartridge, 4.5 Grains / 292 mg	50	

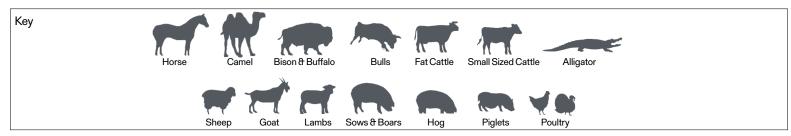


Power Actuated Stunner

Penetrating 4144058

Type C, CIP 6.35 mm Caliber / .25R Caliber, 6.0 Grains Max

4144058		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	94 mm	3.7 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	411 mm Ø 54 mm	16.2 in Ø 2.1 in
Weight	3.6 kg	8 lbs



CIP 6	3.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	Y S F R R
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	THE MINISTER
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120		Yellow Cartridge, 3.5 Grains / 227 mg	50	
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000	
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50	
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000	
1176124		Red Cartridge, 4.5 Grains / 292 mg	50	
1176125		Black Cartridge, 6.0 Grains / 389 mg	1,000	
1176126		Black Cartridge, 6.0 Grains / 389 mg	50	



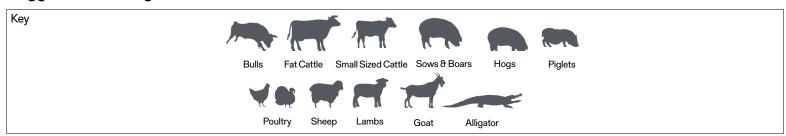
Power Actuated Stunner	
Penetrating	4144060
Type C, CIP 6.35 mm Caliber / .25R Caliber 4.5 Grains Max	

4144060		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	95 mm	3.8 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	381 mm Ø 54 mm	15 in Ø 2.1 in
Weight	2.8 kg	6.1 lbs



Power Actuated Stunner	
Penetrating	4144063
Type C, CIP 6.35 mm Caliber / .25R Caliber, 4.5 Grains Max	

4144063		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grain)	121 mm	4.8 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	403 mm Ø 54 mm	15.9 in Ø 2.1 in
Weight	2.9 kg	6.5 lbs



CIP 6	.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	un est en est
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	YOR MAN
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	THE MAN TO THE
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120]	Yellow Cartridge, 3.5 Grains / 227 mg	50	
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000	
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50	
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000	
1176124		Red Cartridge, 4.5 Grains / 292 mg	50	

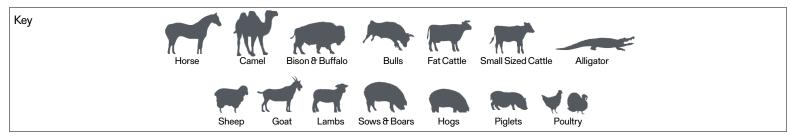


Power Actuated Stunner

Penetrating 4144064

Type C, CIP 6.35 mm Caliber / .25R Caliber, 6.0 Grains Max

4144064		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	114 mm	4.5 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	406 mm Ø 52 mm	15.9 in Ø 2.1 in
Weight	3.6 kg	7.9 lbs



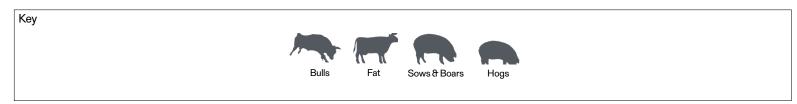
CIP 6	35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	YOF MARK
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	THE MINISTER
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120		Yellow Cartridge, 3.5 Grains / 227 mg	50	
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000	
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50	
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000	
1176124		Red Cartridge, 4.5 Grains / 292 mg	50	
1176125		Black Cartridge, 6.0 Grains / 389 mg	1,000	
1176126		Black Cartridge, 6.0 Grains / 389 mg	50	THE THE TANK



Power Actuated Stunner
Concussion 4144069

 $\label{typeC} \textit{TypeC, CIP}\,5.6\,\textit{mm}\,\textit{Caliber/.22R}\,\textit{Caliber,}\,4.5\,\textit{Grains}\,\textit{Max}$

4144069		
Concussion Head Diameter	Ø 36 mm	Ø 1.4 in
Max Bolt Extension (with Max Grains)	44 mm	1.8 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	376 mm Ø 57 mm	14.8 in Ø 2.2 in
Weight	3 kg	6.6 lbs



CIP 5.6 mm R Caliber Cartridge Numbers for Europe						
Part Number	Descripti	on	Rounds per Pkg	Applications		
1176107		Blue Cartridge, 3.0 Grains / 194 mg	1,000			
1176108		Blue Cartridge, 3.0 Grains / 194 mg	50			
1176109		Red Cartridge, 4.0 Grains / 260 mg	1,000			
1176110		Red Cartridge, 4.0 Grains / 260 mg	50			
1176111		Black Cartridge, 4.50 Grains / 292 mg	1,000			
1176112		Black Cartridge, 4.50 Grains / 292 mg	50			

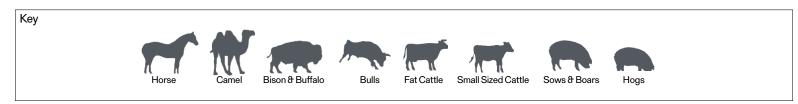


Power Actuated Stunner

Concussion 4144070

Type C, CIP $6.35\,\mathrm{mm}$ R Caliber / .25R Caliber, $6.0\,\mathrm{Grains}$ Max

4144070		
Concussion Head Diameter	Ø 36 mm	Ø 1.4 in
Max Bolt Extension (with Max Grains)	44 mm	1.8 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (length diameter)	376 mm Ø 57 mm	14.8 in Ø 2.2 in
Weight	3 kg	6.6 lbs



CIP 6.35 mm R Caliber Cartridge Numbers for Europe					
Part Number	per Description Rounds per Pkg			Applications	
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000		
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50		
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000		
1176124		Red Cartridge, 4.5 Grains / 292 mg	50		
1176125		Black Cartridge, 6.0 Grains / 389 mg	1,000		
1176126		Black Cartridge, 6.0 Grains / 389 mg	50		



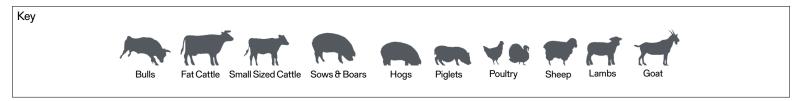
Power Actuated Stunner

Penetrating 4144112

Type P, CIP 5.6 mm R Caliber / .22R Caliber, 3.0 Grains Max

4144112		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	83 mm	3.3 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	259 51 188 mm	10.2 2 7.4 in
Weight	3 kg	6.6 lbs

Suggested Cartridge



CIP 5.6 mm R Caliber Cartridge Numbers for Europe						
Part Number	Descripti	Description		Applications		
			per Pkg			
1176101	LL	Green Light Load Cartridge, 1.0 Grain / 65 mg	1,000			
1176102		Green Light Load Cartridge, 1.0 Grain / 65 mg	50	A DE SOLID		
1176103		Green Cartridge, 1.25 Grains / 81 mg	1,000	10.00		
1176104		Green Cartridge, 1.25 Grains / 81 mg	50	AN ILL SOUTH		
1176105		Yellow Cartridge, 2.5 Grains / 162 mg	1,000			
1176106		Yellow Cartridge, 2.5 Grains / 162 mg	50	A MA		
1176107		Blue Cartridge, 3.0 Grains / 194 mg	1,000			
1176108		Blue Cartridge, 3.0 Grains / 194 mg	50			

Note: The PAS P-Type line of stunners come in a variety of applications and sizes. For a complete list, including the recommended cartridge selection, please contact a **JARVIS**° Sales representative.

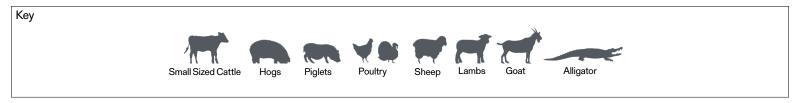


Power Actuated Stunner

Concussion 4144117

Type P, CIP 6.35 mm Caliber / .25R Caliber, 2.0 Grains Max

4144117		
Concussion Head Diameter	Ø 38 mm	Ø 1.5 in
Max Bolt Extension (with Max Grains)	35 mm	1.4 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	279 51 191 mm	11 2 7.5 in
Weight	3.1 kg	6.8 lbs



CIP 6	.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descripti	on	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	TO THE SERVICE STATES
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	T A M



Power Actuated Stunner

4144118 Concussion

Type P, CIP 5.6 mm R Caliber / .22R Caliber, 1.0 Grain Max

4144118		
Concussion Head Diameter	Ø 38 mm	Ø 1.5 in
Max Bolt Extension (with Max Grains)	35 mm	1.4 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	279 51 191 mm	11 2 7.5 in
Weight	3.1 kg	6.8 lbs

Suggested Cartridge

Key



Piglets

CIP 5.6 mm R Caliber Cartridge Numbers for Europe					
Part Number	Descripti	on	Rounds	Applications	
			per Pkg		
1176101	LL	Green Light Load Cartridge, 1.0 Grain / 65 mg	1,000	700	
1176102		Green Light Load Cartridge, 1.0 Grain / 65 mg	50	4 3, 196	

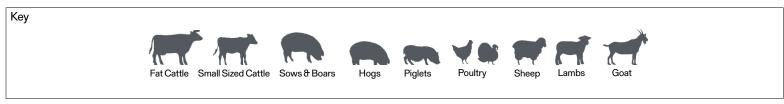


Power Actuated Stunner

enetrating 4144122

Type P, CIP 5.6 mm R Caliber / .22R Caliber, 4.0 Grains Max

4144122		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	83 mm	3.3 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	259 51 188 mm	10.2 2 7.4 in
Weight	2.9 kg	6.5 lbs



CIP 5.6 mm R Caliber Cartridge Numbers for Europe					
Part Number	Part Number Description		Rounds	Applications	
			per Pkg		
1176101	LL	Green Light Load Cartridge, 1.0 Grain / 65 mg	1,000	400	
1176102		Green Light Load Cartridge, 1.0 Grain / 65 mg	50		
1176103		Green Cartridge, 1.25 Grains / 81 mg	1,000		
1176104		Green Cartridge, 1.25 Grains / 81 mg	50		
1176105		Yellow Cartridge, 2.5 Grains / 162 mg	1,000		
1176106		Yellow Cartridge, 2.5 Grains / 162 mg	50		
1176107		Blue Cartridge, 3.0 Grains / 194 mg	1,000		
1176108		Blue Cartridge, 3.0 Grains / 194 mg	50		
1176109		Red Cartridge, 4.0 Grains / 260 mg	1,000		
1176110		Red Cartridge, 4.0 Grains / 260 mg	50		

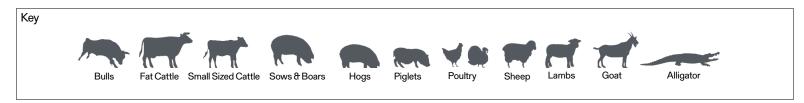


Power Actuated Stunner

Penetrating 4144127

CIP 6.35 mm R Caliber / .25R Caliber, 3.5 Grains Max

4144127		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	83 mm	3.3 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	259 51 191 mm	10.2 2 7.5 in
Weight	2.9 kg	6.5 lbs



CIP 6	.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	und - d
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	THE THE PARTY
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	THE MINISTER
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120		Yellow Cartridge, 3.5 Grains / 227 mg	50	

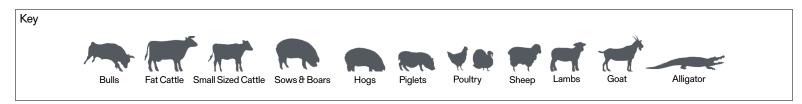


Power Actuated Stunner

Penetrating 4144132

CIP 6.35 mm R Caliber / .25R Caliber, 3.5 Grains Max, Long Length

4144132		
Bolt Diameter	Ø 11.4 mm	Ø 0.45 in
Max Bolt Extension (with Max Grains)	83 mm	3.3 in
Control Handle (Manual Operation)		Single Trigger
Overall Dimensions (L W H)	292 51 188 mm	11.5 2 7.4 in
Weight	3.1 kg	6.9 lbs



CIP 6	.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descripti	ion	Rounds	Applications
			per Pkg	
1176113		Gray Cartridge, 1.25 Grains / 81 mg	1,000	
1176114		Gray Cartridge, 1.25 Grains / 81 mg	50	
1176115		Brown Cartridge, 2.0 Grains / 130 mg	1,000	
1176116		Brown Cartridge, 2.0 Grains / 130 mg	50	H H M M
1176117		Green Cartridge, 3.0 Grains / 194 mg	1,000	
1176118		Green Cartridge, 3.0 Grains / 194 mg	50	
1176119		Yellow Cartridge, 3.5 Grains / 227 mg	1,000	
1176120		Yellow Cartridge, 3.5 Grains / 227 mg	50	

PAS Type C - Impact



Power Actuated Stunner
Penetrating
Type C - Impact, CIP 5.6 mm Caliber R / .22R Caliber, 4.0 Grains Max
Impact Firing, Heavy Duty

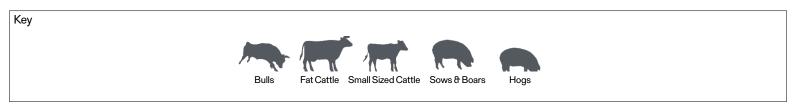
Power Actuated Stunner
Penetrating
Type C - Impact, CIP 5.6 mm Caliber R / .22R Caliber, 4.0 Grains Max

Impact Firing, Heavy Duty with Handle

4144065		
Bolt Diameter	Ø 11 mm	Ø 0.45 in
Max Bolt Extension (with Max Grain)	76.2 mm	3 in
Control Handle		Manual Operation
Overall Dimensions (L W H)	264 66 66 mm	10.4 2.6 2.6 in
Weight	2.9 kg	6.4 lbs

4144066		
Bolt Diameter	Ø 11 mm	Ø 0.45 in
Max Bolt Extension (with Max Grain)	76.2 mm	3 in
Control Handle		Manual Operation
Overall Dimensions (L W H)	264 66 838 mm	10.4 2.6 33 in
Weight	4.2 kg	9.2 lbs

Suggested Cartridge



4144065

CIP 5	.6 mm F	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds per Pkg	Applications
1176107		Blue Cartridge, 3.0 Grains / 194 mg	1,000	
1176108		Blue Cartridge, 3.0 Grains / 194 mg	50	
1176109		Red Cartridge, 4.0 Grains / 260 mg	1,000	
1176110		Red Cartridge, 4.0 Grains / 260 mg	50	

4144066

PAS Type C - Impact



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067 Impact Firing
Type C - Imp
Penetrating
Power Actua

JARVIS
CE EX

Power Actuated Stunner
Penetrating
Type C - Impact, CIP 6.35 mm Caliber R / .25R Caliber, 4.5 Grains Max
Impact Firing, Heavy Duty with Handle
4144068

4144067		
Bolt Diameter	Ø 11 mm	Ø 0.45 in
Max Bolt Extension (with Max Grain)	76.2 mm	3 in
Control Handle		Manual Operation
Overall Dimensions (L W H)	264 66 66 mm	10.4 2.6 2.6 in
Weight	2.9 kg	6.4 lbs

4144068		
Bolt Diameter	Ø 11 mm	Ø 0.45 in
Max Bolt Extension (with Max Grain)	76.2 mm	3 in
Control Handle		Manual Operation
Overall Dimensions (L W H)	264 66 838 mm	10.4 2.6 33 in
Weight	4.2 kg	9.2 lbs

Suggested Cartridge

Key



CIP 6	.35 mm	R Caliber Cartridge Numbers for Europe		
Part Number	Descript	ion	Rounds per Pkg	Applications
1176121		Blue Cartridge, 4.0 Grains / 260 mg	1,000	
1176122		Blue Cartridge, 4.0 Grains / 260 mg	50	
1176123		Red Cartridge, 4.5 Grains / 292 mg	1,000	
1176124		Red Cartridge, 4.5 Grains / 292 mg	50	

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Provide the planet access to healthy and sustainnable protein

Our Mission

Achieve our full business potential for the product, planet, and people

Our Foundation

Take care of our customers, take care of each other, and do the right thing

Our Values

Customer Orientation, Passion for Perfection, Common Sense & Initiative, Urgency, Integrity & Honesty, Compassion, Toughness, Innovative Engineering, Conservation, Small Company Agility, Communication, Grace



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