

The first name in wire processing

ARTOS
ENGINEERING COMPANY

CS-326

SERVO-DRIVEN WIRE PROCESSOR

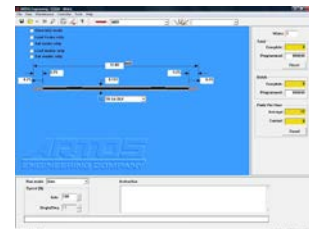


FEATURES



Powerful Servo Driven Drive System
for processing of the most demanding applications, with a standard belt feed system and an optional wide belt or roller feed system available.

Modular Precision Ball Screw Servo Driven Cutterhead For years of maintenance free operation. Configuration easily changes form Single Blade (standard) to Dual Blade or Three Blade design for flexibility and expanded capabilities.



Artos Graphical User PC Interface
Provides easy set-up and operation. Available with offline programming and PC networking, and shares common architecture with all other Artos machines.

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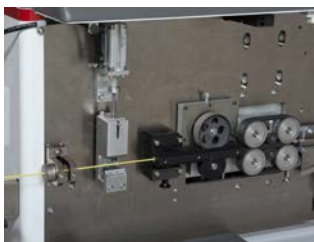
WE PROCESS
THE WIDEST
RANGE
OF WIRE
BAR NONE



The CS-326 Servo Driven Wire Processor

is truly a "high-tech" wire processing workhorse. Featuring brushless digital servo driven technology for all wire handling movements, the CS-326 offers state of the art technology to provide the best in class capabilities and performance. Designed with flexibility in mind, the modular cutterhead and feed drive systems can easily be changed to optional systems to accommodate your changing manufacturing needs. A large assortment of options also provides the perfect solution to your exact wire cutting and stripping needs.

LOOK AT ALL THE CS-326 HAS TO OFFER



Optional In Process Quality Systems

- Artos patented Sencor system measures the wire diameter, and sets the stripping diameter automatically, eliminating operator guess work and scrap.
- A closed loop length encoder option checks wire lengths, and dynamically will correct for any wire slippage to ensure first piece accuracy even at the longest lengths.



Modular Cutter Head Design

- The CS-326 offers a variety of cutterhead options to meet unique application needs. The Dual-Blade cutterhead provides separate blades for cutting and stripping, most commonly used in larger wire applications. The Three-Blade design allows for high speed processing. Additional special designs are available for steel cables, fiber optics, and coaxial cables. All share a modular design for flexibility.



Optional Feed Rollers

- The feed system for the CS-326 is available with a variety of drive options including standard belt feed, roller feed, and wide belt feed.



Complete Pre-Process Options

- Programmable in line axial wire slitting is available. Fully programmable, this option provides the capability to provide an axial slit along the wire.
- Full ranges of wire marking options are also available including hot stamp, ink-jet, and label wrapping.



Offering a complete solution

- The CS-326 has all the complementary equipment including wire prefeeding, linear collecting, and wire coiling equipment to provide a turnkey solution for your wire processing needs.

MACHINE DIMENSIONS

	mm	inches
Length without straightener	863	34
Width	622	24.5
Height (Guard down)	953	37.3

Machine Weight	182 Kg	400 lbs
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POWER SUPPLY

115 +/- 10% or 230 +/- 10%
VAC 50 – 60 Hz 1ph.

PNEUMATIC SUPPLY

None required.
Options may need 80 PSI (6 Bar)

WIRE RANGE

Min	0.05 mm ²	(30 AWG)
Max (OD)-standard	12.5 mm ²	(.5 inch)
Max (OD)-Option	15.0 mm ²	(.625 inch)

Note: Largest and smallest wire gages must be verified by Artos to assure processing capabilities.

WIRE LENGTH

Min	6.4 mm	(0.25 inch)
Max	30.46 M	1200 inches

STRIPPING LENGTHS

Min	0.1mm	0.004 in
Max	1 M	39 in

Note: Max strip length is material dependent.

Specifications are subject to change without notice, and exceptions may apply depending on application, wire and other variables. Optional equipment may require standard machine modification and/or later specifications.

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Option Description and Price List

Item:	Description	Photo
CS-326-B Base	<p>P.C. Operator Interface Complete with Unlimited Program Storage - Color Graphic Display Complete Machine Computer Diagnostics Brushless Servo Actuation Tractor Style Belt Infeed and Outfeed Drive Units Single Blade Universal Cutterhead One Set Artos Patented Universal Stripping Blades Three Wire Guide Kits (Size 0.23", 0.36", 0.50") Long Wire Deflector Detachable Wire Slug Collection Trough Complete Safety Guards with Electrical Interlock. Universal Switchable 115/230 VAC 50/60 Hz. Single Phase Power Wire Run-Out Detection Switch Inch or metric measuring One owner's manual One Owners Manual</p>	
Domestic / Air Box	Crate for shipment within USA or air freight shipment	
Ocean / Export Box	Crate for ocean shipment.	
Installation / Training	<p>Installation and training by Artos direct technicians. Recommend two days minimum. Price is per day. Travel expenses are not included and billed separately.</p>	
Dual Blade Cutterhead	<p>Provides two separate pair of blades, one for cutting wire and a second for stripping wire. This system avoids cutting wire with stripping blades, increasing the life of the stripping edge of these blades. Typically recommended for wires with a diameter greater than 5 mm or wire gages greater than 10 AWG (6mm²).</p>	
Three Blade Cutterhead	<p>Provides a cutterhead with one pair of cutting blades, and two pairs of stripping blades. Ideal for high speed processing of discrete wires. Applicable for wires up to 10 AWG (6 mm²). Strip lengths are limited to 15 mm (.60 inch)</p>	
Special Interlocking Dual Blade Cutterhead	<p>Special dual blade system with interlocking cutting system for more challenging cutting of steel cables and Kevlar reinforced wires.</p>	
Roller Feed Kit	<p>Replaces standard belt feed system with a roller feed system. Reduce replacement operating costs, but provides less surface contact with wire for stripping.</p>	



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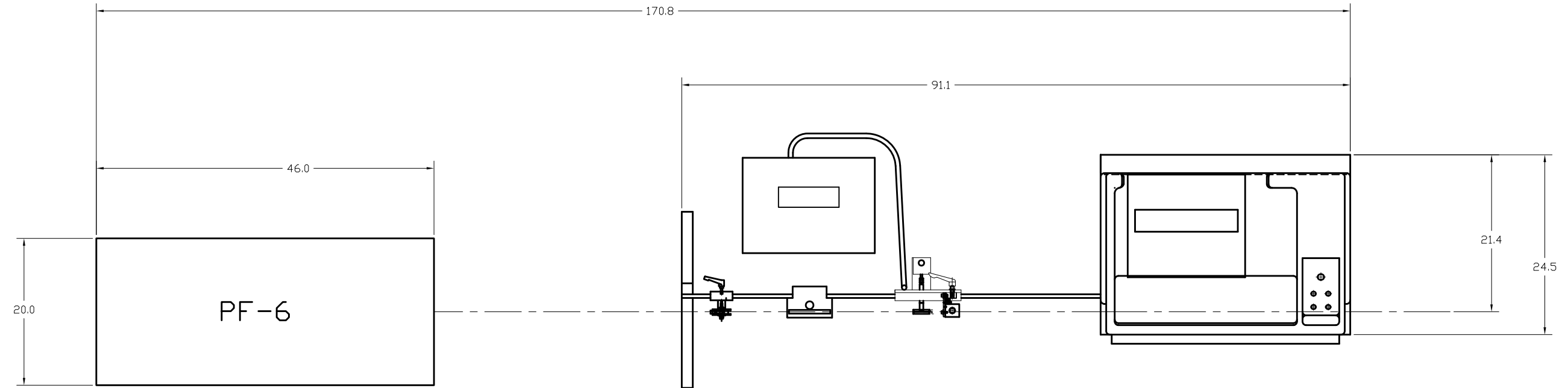
Item:	Description	Photo
Wide Feed Belt	Replaces standard feed belt system with a wider (25mm) feed belt drive system. This option is recommended when processing long stripping of multi-conductor cables.	
Sencor	Patent pending system for automatic setting of stripping blades. Technology senses the conductor within the wire and automatically set the value of the stripping diameter. Reduces wire waste and shortens set-up time. Can also be used to monitor blade wear.	
Large Wire Kit	Increases the maximum wire diameter to 5/8 inch (15mm).	
Integrated Length Encoder	Separate encoder which measures actual wire length, communicating with the servo feed system to correct any length variations. Improves the machines ability to run first piece production without additional calibration, and recommended for longer wire applications.	
Outfeed Belt Opener	System to allow for the outfeed drive to be opened while stripping the leading wire end. This allows for longer stripping to be stripped without the feed system placing pressure on the wire. Recommended for applications requiring stripping greater than 50 mm on both wire ends, typically multi-conductor cables.	
Heavy Duty Wire Straightener	Device to straighten wire. Available in Vertical Axis only or Vertical / Horizontal Axis.	
Axial Wire Slitting Device	Programmable device to slit wire along the axis. Used for two, three or four bonded wires to split bonding. Also used for long stripping of larger wires. Position and length of slit is programmable.	
Ink Jet Interface	Interface for Imaje 9040 (contrast or master) ink-jet system. Fully programmable interface allows for storage and recall of all marking codes. Interface does not include marker, which is sold separately.	



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Option Description and Price List

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Hot Stamp Interface	Electrical and mechanical interface for WM-6 hot stamp marking system. Marker is sold separately.	
Brady Wraptor Interface	Interface for Brady Wraptor label system. This option is the electrical interface for a Brady Wraptor label printing system. This interface does not include any programmable features other than the location of a label. All printing information must be programmed through the Wraptor. Wraptor is sold separately. Artos will require the Wraptor to be shipped to Artos for installation of this interface kit.	
Cart	Work cart with locking casters. Cart is required to interface with CD-11 coiling system.	
CD-11	Coiling option for collecting long wires. Choose either 12 or 16 inch diameter collecting bowls. Two bowl system allows operator to remove the wire from one bowl as the machine is loading the second bowl.	
1 Meter Collection Tray	1 meter (40 inch) collection tray.	
Motorized Linear Collectors	AL-Series linear long wire collectors in lengths of 1.5 meter, 3 meters, 5 meters and 10 meters. Collects long wires via motorized conveyor belt.	
CD-15	Level wind long wire coiling system for collection and packaging of long wires in coils.	
Spare Parts Kit	Common replacement parts for CS-326 with Belt Feed	



CS3261MAJE	HEAT TREATMENT/SURFACE TREATMENT		MATERIAL DESCRIPTION	USED FOR	CLASS CODE	
	CONFIDENTIAL <small>This document contains confidential information which shall not be used, reproduced, or disclosed to others without prior written approval of Artos Engineering Company.</small>					REVISION DATE
	D				REVISION	
	WORK TO MEAN DIMENSIONS DO NOT SCALE DRAWING		DRAWN BY CHECKED BY	SCALE 1:8 DATE 02/14/2011	DRAWING NO. CS3261MAJE	SHEET NUMBER 1 of 1
	ES-1 STANDARDS APPLY PLEASE READ THEM BEFORE MFG.					