

CANUSA-CPS

Canusa-CPS
A division of Shawcor Ltd.

Head Office
25 Bethridge Road
Toronto, Ontario, M9W 1M7, Canada
Tel: +1 416 743 7111
Fax: +1 416 743 5927

Canada
Dome Tower St. 2200
333-7th Avenue SW
Calgary, Alberta, T2P 2Z1, Canada
Tel: +1 403 218 8207
Fax: +1 403 264 3649

Americas
5875 N. Sam Houston Pkwy W.
Suite 200
Houston, TX 77086
Tel: +1 281 886 2350
Fax: +1 281 886 2353

Middle East
Plot # 37-WR43, Sector no.: ICAD III
Musaffah South, PO Box 2621
Abu Dhabi, The United Arab Emirates
Tel: +971 2 204 9800

Europe, Africa & Russia
Dellaertweg 9-E, Gebouw "Le Carrefour"
2316 WZ Leiden, The Netherlands (NL)
Tel: +31 71 80 802 70
Fax: +31 71 80 802 71

Asia-Pacific
101 Thomson Road, #17-01
United Square, Singapore 307591
Tel: +65 6477 5300
Fax: +65 6732 9073

Quality Management system
registered to ISO 9001

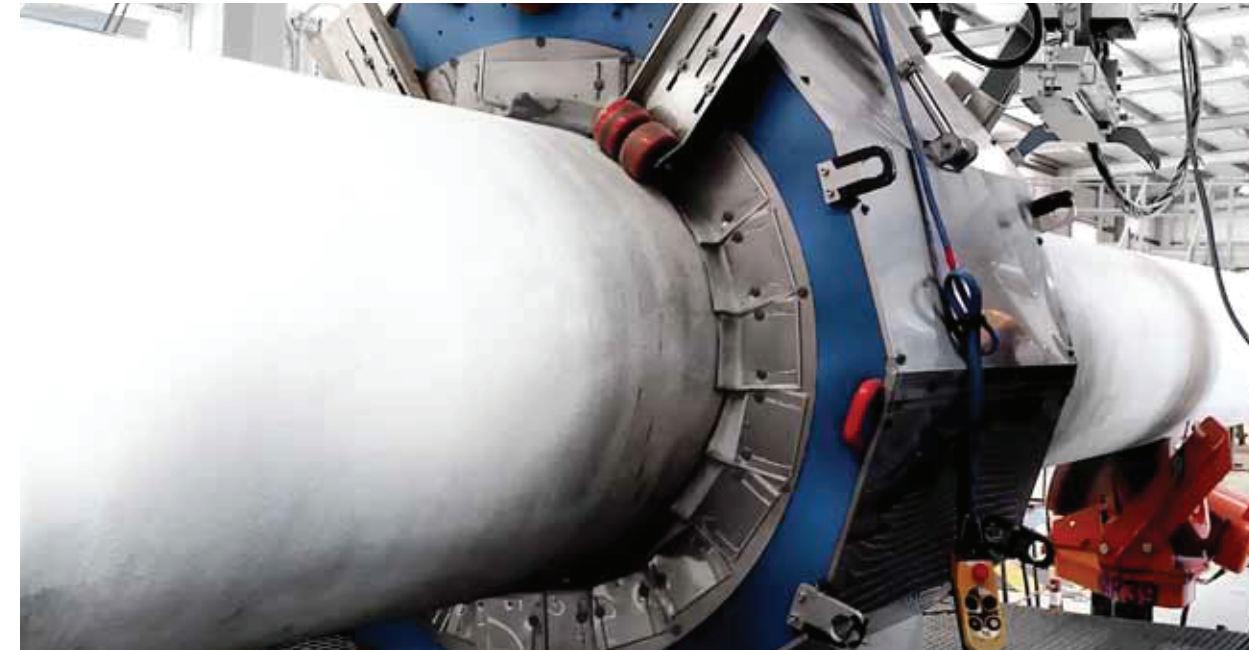
shawcor.com/contact

info@canusacps.com

canusacps.com

Shawcor, the world's leading integrated energy services company, designs and manufactures innovative solutions to protect the integrity of oil and gas, petrochemical, industrial, electrical, and automotive assets around the world. With a focus on five overarching disciplines—Pipeline Performance, Integrity Management, Composite Production Systems, Connectivity and Oilfield Asset Management—Shawcor operates 105 manufacturing and service facilities in 20 countries across the globe.

CANUSA-CPS



INTELLICOAT™

Innovative field joint coating technologies

SHAWCOR'S CANUSA-CPS INTELLICOAT™ REPRESENTS THE NEXT GENERATION OF FIELD-APPLICATION EQUIPMENT AND IS NOW READY FOR USE WITH THE COMPLETE RANGE OF SHAWCOR HEAT-SHRINKABLE SLEEVES.

Canusa-CPS IntelliCOAT™ was developed by Shawcor's experienced technical personnel and provides significant benefits to contractors and clients by incorporating decades of coatings and field experience into the system design. Shawcor is now able to offer a complete package including leading coating solutions that can be field-applied using an automated process.

Quality

Canusa-CPS IntelliCOAT™ allows the finished pipeline asset to benefit from a seamless anti-corrosion system with factory grade quality for the entire length of the pipeline, with no compromise on the field joints. Programmable control systems allow a project-specific recipe to be developed for each and every unique project – qualified in advance of construction and then put into practice.

Consistency

Canusa-CPS IntelliCOAT™ offers contractors and clients the unique opportunity to have each and every heat-shrinkable sleeve applied in an identical manner – with heating intensity, time and sequence all tightly controlled. Operators simply lower Canusa-CPS IntelliCOAT™ onto the pre-positioned sleeve, and the system takes care of the rest, minimizing all possible sources of variation.

Productivity

The use of Canusa-CPS IntelliCOAT™ allows the contractor to precisely forecast the daily production of field joints, without reliance on operators to conduct any labour-intensive work steps. The application time per joint is pre-set at the qualification stage so production can proceed on schedule.

Project execution

The Canusa-CPS IntelliCOAT™ system can be operated by trained and experienced Shawcor personnel as part of a turnkey solution or supplied as part of a lease package, with our supervisory staff, to be operated by the contractor, to suit the intended pipeline construction scheme. The overall benefits of quality, consistency, productivity and safety are all achieved through use of the Canusa-CPS IntelliCOAT™ system.

BRINGING FACTORY QUALITY TO THE FIELD

Shawcor is the industry leader in the area of field-applied coatings for corrosion protection and thermal insulation of pipelines. Our products have been successfully used on many of the world's largest, longest and most technically demanding projects – both onshore and offshore.

We have a long and well documented history of technical innovation, investment in research and introduction of novel solutions that continue to be successfully employed throughout the pipeline industry.

The introduction of the Canusa-CPS IntelliCOAT™ system, the world's first fully-automated system to control the application of heat-shrinkable sleeves, is Shawcor's latest contribution to the advancement of coating technology for the pipeline industry. Canusa-CPS IntelliCOAT™ provides a step-change enhancement in the quality, consistency and productivity of field-applied coatings by means of automation. By combining this technology with the capabilities of our existing products, which have performance standards in line with 3LPE and 3LPP parent coatings, Shawcor is able to offer a field joint coating system with factory grade performance and quality control features.

COATING FIELD JOINTS WITH CONSISTENCY AND SPEED

Key features & benefits

- Automated heating system with one touch, push button operation
- Quick and consistent cycle time with instant heat-up and cool-down
- Controlled shrinking from the centre to the outer edges to provide a superior bond to the cutback and mainline coating
- PLC-controlled application procedure regulates heat, intensity and time
- Pre-programmed algorithms for sleeve type, pipe size and ambient conditions
- Repeatable, high-quality application on every joint
- Multiple heating zones across sleeve width and around pipe circumference
- Enclosed heating design minimizes wind effects and improves worker safety
- Robust and reliable system for maximum field friendliness in harsh working conditions
- Invented by Shawcor's Canusa-CPS. Patent protected

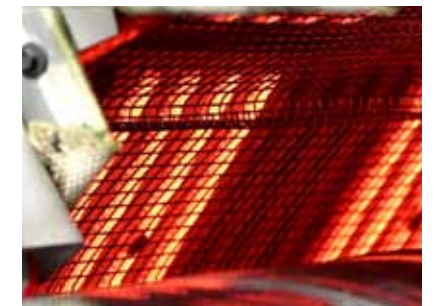
Technical Summary	
Pipe Size	4-60 inches OD
Compatible Sleeve Widths	Up to 900 mm
Electrical Power Supply	Standard diesel generator/local power main
Electrical Power Rating	Variable to suit pipe size
Heating Panel Configuration	Modular for quick repair/replacement
Controls Configuration	Programmable logic controller (PLC) with panel view display
Supervision and Maintenance	Supplied by Canusa-CPS



Canusa-CPS IntelliCOAT™ equipment



PLC controlled heating



Ultra responsive, zone specific heating



Data acquisition and traceability