

EMICO WHEATON

A Gardner Denver Product

API Couplers



*Better by
Design*

Emco Wheaton API Couplers

Emco Wheaton has been designing and manufacturing loading arms for over 50 years. Our focus on meeting the specific needs of our demanding customer base has resulted in us being able to offer technically advanced solutions to suit almost any application the world can throw at us.

Our various designs allow us to handle virtually any liquid known to man in a safe and reliable manner. Our loading arms are available in carbon steel, stainless steel, low temperature carbon steel, Hastelloy, Titanium and other speciality materials. Lining with PTFE and vulcanized rubber can also be provided.

In addition to loading arms, the company provides a range of safety access equipment, fuelling equipment and earth grounding systems.

We have recently enhanced our family of class leading API Couplers – the most comprehensive range of API couplers available in the market today. Each coupler incorporates a host of patented features, which will provide trouble free operation and will also ensure a clean, spill free loading rack.

Our couplers are approved world-wide and recommended by the world's major oil companies, operating successfully in some of the most demanding environments



FEATURES	J0451	J0452	CAMSEC
BEVELLED LIP FOR EASE OF OPERATION	•	•	•
HIGH PERFORMANCE NOSE SEAL	•	•	•
ERGONOMIC LEVER AND GRAB HANDLES	•	•	•
10 BAR DESIGN PRESSURE (150 psi)	•	•	•
16 BAR DESIGN PRESSURE (240 psi)		•	
SLIDE ON/ PULL OFF CONNECTION	•		•
AUTOMATIC SNAP ON CONNECTION		•	•
INTEGRATED PUMP & FILTER		•	
HARD COATED ANODISED BODY	•	•	•
VACUUM PUMP		•	
AVAILABLE WITH INTEGRATED CHECK VALVE			•
CHANGE NOSE SEAL IN SITUATION	•	•	•
BUNA VARIANT	•	•	
VITON VARIANT	•	•	•
LOW TEMPERATURE VITON VARIANT -40°C (-40°F)	•	•	•
PROXIMITY SWITCH			•
CROSS OVER PREVENTION / MAGNET SLEEVE		•	
COLOURED WEAR BUMPER		•	
TTMA FLANGE	•	•	•
SIDE OR TOP HANDLE	•	•	•
CANADIAN CRN APPROVAL	•	•	•
Weight kg (lbs) without pump	8.26 kg (18.2lb)	9.76 kg (21.47lb)	11.6kg (25.52lb)

Setting new standards

Quality and the pursuit of perfection continue to raise the technology bar at Emco Wheaton. This philosophy includes our range of API couplers. This family of products now includes the industry standard J0451, re-engineered in 2007, the newly launched J0452, replacing the K2/K2P as the snap-on coupler of choice and the CAMSEC® with optional integrated French metrology approved check valve. A number of improved components together with new features guarantee a safe, simple to use leak-free operation.



J0451 API Coupler

- Industry standard for over 30 years
- Maintenance friendly
- Lightweight design
- In-situ nose seal replacement
- Lowest leakage on disconnect in class
- Better load distribution
- Superior sealing technology, with three seal variants
- Bevelled lip for ease of operation
- Ergonomic design
- Wide range of spare kits available



J0452 API Coupler

- Supersedes the successful K2/K2P couplers
- Maintenance friendly
- The most advanced coupler in the market today
- In-situ nose seal replacement
- Lowest leakage on disconnect in class
- **SNAP ON / SNAP OFF** design
- Superior sealing technology, ergonomic design
- Bevelled lip for ease of operation
- Optional integrated pump with filter element
- Wide range of spare kits available



CAMSEC® Coupler

- Industry standard in France for over 30 years
- French metrology approved check valve
- Lowest leakage on disconnect in class
- Superior sealing technology, ergonomic design
- ATEX certified
- Maintenance friendly
- In-situ nose seal replacement
- **SLIDE ON / PULL OFF** design
- Bevelled lip for ease of operation
- Wide range of spare kits available

EMCO WHEATON

A Gardner Denver Product

MANUFACTURING FACILITIES

EMCO WHEATON UK Limited
Channel Road · Westwood Industrial Estate
Margate, Kent CT9 4JR · UK
Phone +44 1843 221521 · Fax +44 1843 295444

EMCO WHEATON GmbH
Emcostraße 2-4 · 35274 Kirchhain · Germany
Phone +49 6422 84-0 · Fax +49 6422 5100

EMCO WHEATON USA, INC.
9111 Jackrabbit Road · Houston, Texas 77095 · USA
Phone +1 281 856-1300 · Fax +1 281 856-1325

EMCO WHEATON Corp.
2480 Bristol Circle · Oakville, Ontario L6H 5S1 · Canada
Phone +1 905 8298619 · Fax +1 905 8298620

GARDNER DENVER Inc.
4601 Commerce Crossing Drive, Suite 200
Louisville, KY 40229 · USA
Phone +1 502 266-6677 · Fax +1 502 266-5873

TODO AB
Box 33, Industrigatan 2-4 · S-545 21 Töreboda · Sweden
Phone +46 506 19940 · Fax : +46 506 19944

www.emcowheaton.com
www.todo.se

assist@emcowheaton.com
assist@todo.se

REGIONAL SALES OFFICES

GARDNER DENVER FRANCE SA
Immeuble Le Miroir, 15-17, Boulevard du G^{al} de Gaulle
92120 Montrouge · France
Phone +33 146 1241-41 · Fax +33 146 1241-59

EMCO WHEATON ASIA PACIFIC
21 - 5F · IOI Business Park · Bandar Puchong Jaya
47100 Puchong Selangor · Malaysia
Phone +603 8075-7500/7900 · Fax +603 8075-4100

GARDNER DENVER INTERNATIONAL LTD.
PO Box 30804 · Diraz, Manama · Bahrain
Phone +973 17813187 · Fax +973 17813186

EMCO WHEATON GmbH
Branch Office CEE
Blue Danube Park, Objekt 60 · 2100 Korneuburg Austria
Phone +43 2262 64281-0 · Fax +43 2262 6428120

EMCO WHEATON GmbH Sp.z.o.o.
Oddział w Polsce
ul. Królewska 57 · 30-081 Kraków · Poland
Phone +48 12 2934308 · Fax +48 12 2934309

TODO (UK)
3 Waddington House · Llanover Business Center
Llanover, Abergavenny · Monmouthshire NP7 9HA · UK
Phone +44 1873 882030 · Fax +44 1873 882031

EMCO WHEATON Regional Sales Office
PO Box 468 · Cross Lane, Tong, Bradford ·
West Yorkshire BD4 0SU · UK
Phone +44 1274 683131 · Fax +44 1274 651006