

LEADING THE WAY IN CONCRETE PUMPING SYSTEMS

CON FORMS



FULL PRODUCT LINE CATALOG



AN INDUSTRY LEADER FOR OVER 50 YEARS

THE CF ADVANTAGE



GLOBAL ENGINEERING, TESTING AND MANUFACTURING HEADQUARTERS - PORT WASHINGTON, WI, USA

Delivering Performance, Profitability and Safety

Con Forms, the only manufacturer of concrete placing systems in the United States, is located in the heartland of America and employs over 200 people in the USA, the United Kingdom, Asia and Europe to reinforce global service offerings and support projects both domestically and internationally. We provide state-of-the-art automated manufacturing processes, heat-treating and testing facilities, a full metallurgy lab, and in-house engineering staff to ensure every customer understands their options and ideal solutions as well as receive products of the highest quality and lowest total cost of ownership (TCO).

Unrivaled Product Quality, Selection and Service

Con Forms offers a vast product line that covers everything from the pump to the point of placement on a concrete pour – including backend kits for all pump manufacturers, boom kits, laydown lines, couplings, hose and accessories. The full line of placing equipment includes tunnel placers, deck placers, bridge deck spreaders and self-propelled Spider Placer units, which can be engineered to fit any application requirements.

The company's expert technical sales and in-house engineering staff has decades of hands-on experience solving almost every conceivable global high-rise pumping application. They understand the risks, costs, and performance demands bringing exceptional solutions to high-rise jobsites. Through this process, the company delivers the industry's leading abrasion resistant pipe, unique bends, custom valves, placing equipment and laydown systems that are tailored to the requirements of each individual project.

Much more than a Vendor

Con Forms is a true value creating partner to its customers and the industry – a manufacturer that listens to customers and works with the industry to develop world-class products specific to their needs. Con Forms' sales engineers have seen thousands of projects from the planning phase through to completion. The company's design and manufacturing capabilities, technology, safety standards, and service have consistently provided quality products and added value unrivaled in the industry.

The Con Forms' dedication to excellence grows with every year of business and with customers served. Don't trust the safety of your employees and success of your business with unproven, unsupported and unreliable products.

Put your trust with a guaranteed solutions provider that backs their product and supports customer efforts every step of the way. Trust Con Forms.

THE CF ADVANTAGE



CONSISTENT WELD QUALITY = INDUSTRY'S BEST PRODUCT SAFETY & PERFORMANCE

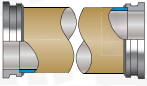
THE CF ADVANTAGE



CONSISTENT HARDNESS = INDUSTRY'S BEST ABRASION RESISTANCE & PRODUCT PERFORMANCE

TABLE OF CONTENTS

LEADING THE WAY IN CONCRETE PUMPING SYSTEMS

Boom Pipe		Pg. 1-3
Deck Pipe		Pg. 3-5
Boom Elbows		Pg. 6-8
Boom Reducers		Pg. 9-10
Back End Kits		Pg. 11-13
Accessories		Pg. 14-15
Couplings & Gaskets		Pg. 16-21
Hose & Accessories		Pg. 22-27
Cleanout & Accessories		Pg. 28-29
Wear Parts		Pg. 30
Laydown Systems		Pg. 31-33
Highrise / Laydown		Pg. 34-37
System Fittings & Brackets		Pg. 38-39
System Valves		Pg. 40-43
Weld Ends		Pg. 44-45
Placing Equipment		Pg. 46-54
Shotcrete & Small Line		Pg. 55-57
Tech-Ref & Safety Covers		Pg. 58-61

BOOM ELBOWS - CCI-LINED

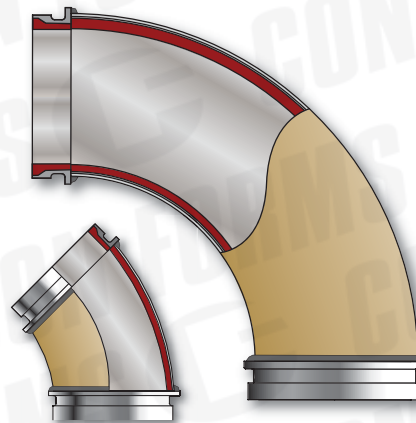
DN125/5 CCI-LINED BOOM ELBOW

Boom Elbows with a chrome carbide liner designed to withstand heavy wear. CCI-Lined Boom Elbows are available in DN125/5, DN117/4.6 and DN112/4.4 system sizes. The ends are designed with a chrome carbide liner for wear protection at the coupling joint.

Specification	Description
Elbow Liner	Chrome Carbide
System	125/5
Wall Thickness	Biased toward high wear areas
Hardness	600 to 650 Brinell
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- Twin-Wall™ Boom Pipe (1,2)
- Ultra Plus Boom Pipe (2)
- Twin-Wall™ Deck Pipe (3)
- CCI-Lined Deck Pipe (4)
- Ultra Plus Deck Pipe (5)
- CCI-Lined Reducers (9)
- CCI-Lined Back end Kit (11,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
265M11157	10	125/5		8 / 3.6
265M09564	15	125/5		10 / 4.5
265M11123	20	125/5		11 / 5
265M11012	30	125/5		13 / 5.9
265M11753	32.5	125/5		17 / 7.7
265M10491	45	125/5		17 / 7.7
265M09166	90	125/5		36 / 16.3
265M11158	90	125/5	Short Radius	30 / 13.6
270M09166	90	125/5	Impact Elbow	34 / 15.4
265M20359	45	125/5	Double Tangent	30 / 13.6

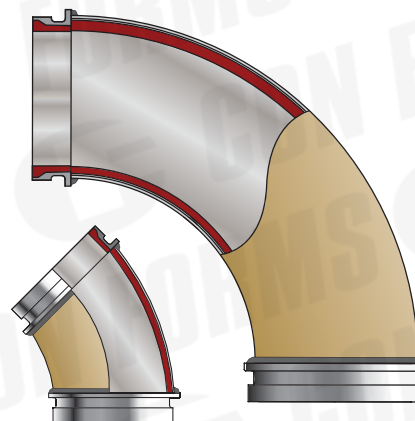
DN112/4.4 CCI-LINED BOOM ELBOW

Boom Elbows with a chrome carbide liner designed to withstand heavy wear. The ends are designed with a chrome carbide liner for wear protection at the coupling joint.

Specification	Description
Elbow Liner	Chrome Carbide
System	112/4.4
Wall Thickness	Biased toward high wear areas
Hardness	600 to 650 Brinell
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- Twin-Wall™ Boom Pipe (1,2)
- Ultra Plus Boom Pipe (2)
- CCI-Lined Deck Pipe (4)
- Ultra Plus Deck Pipe (5)
- CCI-Lined Reducers (9)
- CCI-Lined Back end Kit (11,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
265M16304	30	112/4.4		13 / 6
265M16387	32.5	112/4.4		17 / 8
265M12522	45	112/4.4		16 / 7
265M12518	90	112/4.4		31.9 / 14.5

For additional information or to place an order, please call **800.223.3676**

*F.W.C. = Filled with Concrete

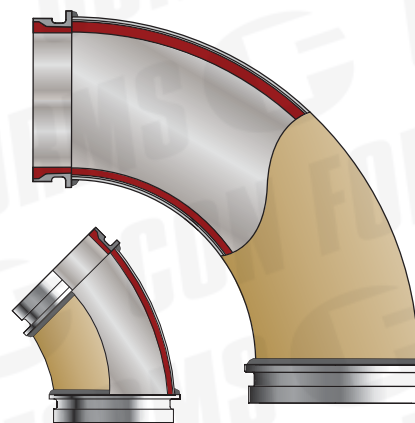
DN117/4.6 CCI-LINED BOOM ELBOW

Boom Elbows with a chrome carbide liner designed to withstand heavy wear. The ends are designed with a chrome carbide liner for wear protection at the coupling joint.

Specification	Description
Elbow Liner	Chrome Carbide
System	117/4.6
Wall Thickness	Biased toward high wear areas
Hardness	600 to 650 Brinell
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- Twin-Wall™ Boom Pipe (1,2)
- Ultra Plus Boom Pipe (2)
- Twin-Wall™ Deck Pipe (3)
- CCI-Lined Deck Pipe (4)
- Ultra Plus Deck Pipe (5)
- CCI-Lined Reducers (9)
- CCI-Lined Back End Kit (11,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
265M16603	15	117/4.6		11 / 5
265M16447	20	117/4.6		11.5 / 5.2
265M16446	30	117/4.6		13.5 / 6
265M17062	45	117/4.6		19 / 8.6
265M16442	90	117/4.6		30.5 / 13.8

BOOM ELBOWS - HARDENED STEEL LINED



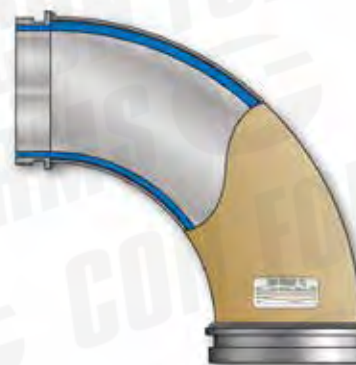
TW275 HARDENED STEEL-LINED BOOM ELBOW

Twin-Wall 275 Boom Elbows have a wear resistant, hardened steel pipe liner with ends that are hardened steel lined to protect the pipe against excessive wear. The Twin-Wall 275 boom elbow pairs with the TW275 boom pipe.

Part #	Hose Size
Elbow Liner	Hardened Steel
System	125/5
Wall Thickness	Biased toward high wear areas
Hardness	Up to 55-60 HRC
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- TW275 Boom Pipe (1)
- Twin-Wall™ Deck Pipe (3)
- CCI-Lined Deck Pipe (4)
- CCI-Lined Reducers (9)
- CCI-Lined Back End Kit (11,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
275M11157	10	125/5		8 / 3.6
275M09564	15	125/5		10 / 4.5
275M11123	20	125/5		11 / 5
275M11012	30	125/5		13 / 5.9
275M11753	32.5	125/5		17 / 7.7
275M10491	45	125/5		17 / 7.7
275M09166	90	125/5		36 / 16.3

*F.W.C. = Filled with Concrete

Visit us online at www.conforms.com



BOOM ELBOWS - CAST



DN125/5 HARDENED CAST STEEL BOOM ELBOW

Cast Steel boom elbows pair with our single-wall boom systems (Ultra III, Ultra II, and XL-92). The elbows weld ends have a chrome carbide insert for wear protection at the coupling joint.

Specification	Description
Elbow Bend Angles	From 5° to 90°
System	125/5
Wall Thickness	Biased toward high wear areas
Hardness	40 to 45 HRc
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- Single-Wall Boom Pipe (2,3)
- Single-Wall Deck Pipe (5)
- Hardened Cast Steel Reducers (10)
- Hardened Cast Steel Back End Kit (12,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
127M09564H	15	125/5		10 / 4.5
127M11123H	20	125/5		11 / 5
127M11012H	30	125/5		15 / 7
127M11753H	32.5	125/5		23 / 10
127M10491H	45	125/5		19 / 9

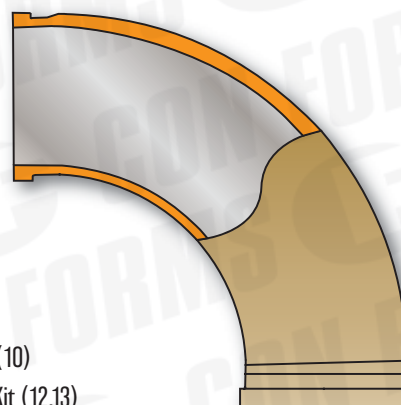
DN125/5 CAST MANGANESE BOOM ELBOW

Cast Manganese elbows are available in 125/5 system sizes. Other weld ends and bend angles are available upon request, consult factory for more details.

Specification	Description
Elbow Bend Angles	From 5° to 90°
System	125/5
Wall Thickness	Biased toward high wear areas
Max Working Pressure	85 bar (1233 psi)
Pipe Weight	Varies per Degree
F.W.C. Weight	Varies per Degree

Recommended Components

- Single-Wall Boom Pipe (2,3)
- Single-Wall Deck Pipe (5)
- Hardened Cast Steel Reducers (10)
- Hardened Cast Steel Back End Kit (12,13)



Part #	Degree of Angle	System (mm/in)	Description	Weight (lbs/kg)
127P09564	15	125/5		9 / 4
127P11123	20	125/5		11 / 5
127P11012	30	125/5		11.5 / 5
127P11753	32.5	125/5		18 / 8.2
127P11136	45	125/5		18 / 8.2
127P09166	90	125/5		34 / 15
127P17660	90	125/5	Impact Elbow	43 / 19.5
127P11050	90	125/5	Hevi-Duty Ends	37 / 16.8
127P11158	90	125/5	Short Rad. / Metric Ends	27 / 12.2
127P20359	45	125/5	Double Tangent	37 / 16.8

*Other sizes available. Contact Factory.

*F.W.C. = Filled with Concrete



For additional information or to place an order, please call **800.223.3676**

TECH-REF & SAFETY COVERS



Concrete pumping comes with a wide variety of risk factors, and in such a niche industry, there are very few experts. Safety is of the utmost importance and a cornerstone at Con Forms and comes as a standard with the entire Con Forms product line.

All Con Forms' products are CPMA certified, meaning they meet the high safety standards set by the Concrete Pump Manufacturers Association.

Con Forms is also a proud founding member of the American Concrete Pumping Association.

Due to the company's expertise in concrete delivery systems, customers continue to request safety training tailored to their projects. Representatives from Con Forms have traveled the globe to educate professionals on best safety practices to keep their workers safe on jobsites, with an emphasis on jobs that require high-pressure concrete pumping lines.

Con Forms safety training has proven beneficial to a broad industry audience including equipment operators, equipment managers, company owners, project managers, safety managers and construction superintendents. These safety presentations help to improve worksite safety conditions by pointing out potential problem spots, and areas to inspect and observe to help avoid safety issues before they occur.

THE CONSTRUCTION FORMS, INC. FAMILY OF BRANDS





North America

Europe

Major global markets served

800-223-3676

777 MARITIME DR
PORT WASHINGTON, WI 53074

CF-SALES@CONFORMS.COM

WWW.CONFORMS.COM

CON FORMS 