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WARRANTY

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NETWORK

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100% ORIGINAL SPARE PARTS

Always ask for original CIFA spare parts to ensure that your CIFA machine's standards of quality and resistance are maintained.

PIPES

CIFA has a plant dedicated to manufacturing special pipes for transporting and laying concrete.

TRAINING

The new CIFA centre for training, new product presentation and technician refresher courses.
The use of composite materials has produced a true revolution in these industries: products that are light yet tough and durable, that guarantee top quality mechanical properties with an extremely low weight.

Cifa first took this revolution to the construction machinery industry: after pushing steel technology to the limits, it broke the barriers to design concrete distribution booms in composite materials that made them even longer, tougher and lighter.

<table>
<thead>
<tr>
<th></th>
<th>Weight &lt;26 t</th>
<th>Weight &lt;32 t</th>
<th>Weight &lt;53 t</th>
<th>Longest Booms</th>
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<tbody>
<tr>
<td><strong>STANDARD BOOM</strong></td>
<td>36 m</td>
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<td>70 m</td>
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<tr>
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Winning tools
The transition to composite materials required the consolidation of specific skills. Significant investments in Research & Development have now produced two models in an innovative line: the CIFA CARBOTECH series.

K39H

K45H
Über die Grenzen der Widerstandsfähigkeit hinaus

The CIFA CARBOTECH technology makes it possible to mount a longer boom on an equivalent chassis and stabilization area, while maintaining the same safety standards for which CIFA is universally known.

CARBOTECH SECTIONS:

weight
-25%*

length
+20%*
Longer than ever before

The CIFA CARBOTECH technology makes it possible to mount a longer boom on an equivalent chassis and stabilization area, while maintaining the same safety standards for which CIFA is universally known.

**CARBOTECH SECTIONS:**

- **weight**: -25%*
- **length**: +20%*

*Compared to sections 4, 5 and 6 of a steel boom.
Stronger than ever before

Boom structure covered by 5 years of extended warranty. Booms that use the CIFA CARBOTECH technology offer maximum durability and sturdiness; they have been tested for over 10 equivalent operating years. Welds have been completely eliminated from CIFA CARBOTECH sections in favor of a completely controlled process that uses the same construction and control procedures as the aeronautics industry.

K62H

K80H
Winning tools

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K39H

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CIFA S.p.A. Via Stati Uniti d’America, 26 20030 SENAGO (MI) Tel. +39 02 990 131 Fax +39 02 998 1157 www.cifa.com e-mail: cifa@cifa.com

The catalogue is a visual model,illostrating various and configuration possibilities standard and adapted to machines for the production, transport and pumping of concrete, manufactured and distributed by CIFA SpA.

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From sports to auto racing, from the aerospace industry to the boating world, innovative materials are designed to be lighter, go faster, strike harder. To achieve goals that would otherwise be unimaginable.

**CARBON technology**

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**K39H**

- Piping Diameter: 125 mm
- Max Vertical Height: 38.1 m
- Max Horizontal Distance: 33.8 m
- Sections: 5

**K45H**

- Piping Diameter: 125 mm
- Max Vertical Height: 44.1 m
- Max Horizontal Distance: 39.8 m
- Sections: 5

**K62H**

- Piping Diameter: 125 mm
- Max Vertical Height: 61.3 m
- Max Horizontal Distance: 57 m
- Sections: 6

**K80H**

- Piping Diameter: 125 mm
- Max Vertical Height: 79.5 m
- Max Horizontal Distance: 74.5 m
- Sections: 7

**HPG 1408 EPC**

- Max Theoretical Output: 140 m³/hr
- Max Pressure on Concrete: 80 bar

**HPG 1808 XL**

- Max Theoretical Output: 180 m³/hr
- Max Pressure on Concrete: 80 bar

**CIFA Long Life Pipes**

- Double layer pipes
- High concrete flow intake
- Optimal efficiency and performance

**K-TRONIC**

- Electronic unit for controlling stability and obtaining data
- Automatically controls machine stability, signals and prevents any critical configurations

**PLACING BOOM**

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**CARBON technology**

The HPG 1408 EPC maximum capacity 140 m³/hr, maximum pressure on concrete 80 bar.

A 9-inch S valve: optimal efficiency and performance, high concrete flow intake with minimum wear and tear.

125 mm diameter pipe system, CIFA Long Life Pipes double wall pipes. "RZ" fold-up system.

Patented K-TRONIC electronic unit for controlling stability and obtaining data: automatically controls machine stability, signals and prevents any critical configurations.

The K45H can be mounted on an 8x4 truck for a total weight within 32 tons.

The K39H can be mounted on a 6X4 truck for a total weight within 26 tons.

**PUMPING UNIT  K39H / K45H**

**PLACING BOOM  K39H / K45H**

**K39H / K45H**

**PUMPING UNIT  K62H / K80H**

**PLACING BOOM  K62H / K80H**

**K62H / K80H**

**PUMPING UNIT  HPG 1808 XL**

**PLACING BOOM  HPG 1808 XL**

**K7H**

**HPG 1808 XL pumping unit. Excellent performance, high pressure and large capacity, extremely reliable and easy to maintain.**

At 5 pump 5 valves, optimal efficiency and performance, high concrete flow intake with low cycles, minimum wear and tear.

125 mm diameter pipe system, CIFA Long Life Pipes double wall pipes. "RZ" fold-up system.

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CUSTOMER SERVICE

CARBOTECHE CARBOTOCH