

PRODUCT RANGE



A ZOOMLION COMPANY





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CONCRETE SUPPLY CHAIN BY CIFA



THE REAL FULL LINER

It started with the very first formworks; then came our batching plants, followed by the creation of our truck mixers and truck mixer pumps. These led to our truck-mounted pumps, portable pumps, and our "sprit" systems, mine mixers and the flooring machines to conclude the widest portfolio of the market. Our product range has grown over the years and will continue to do so, with innovation driving us all the way.

Constantly guided by the motto "driven by innovation", CIFA always undertakes to push technical solution to higher levels, in pursuit of the missing solution that will become the new paradigm for concrete batching, machinery and technology.

This is the secret behind some of latest innovations introduced by CIFA such as the hybrid truck Mixer and Mixer Pump; a game changer for sustainability.



IF YOU FIND IDEAS THAT WORK,
YOU'LL CONSTANTLY **IMPROVE**.

We're used to trying out ideas that sound impossible, and we know that the best ideas are those that last. They turn into projects, and then they become reality. What were once visions are now certified patents for over 60 product families, innovative solutions such as our carbon fiber booms and our electric technology. No one believed in our ideas. But we did.

PAINTING, A CIFA SERVICE

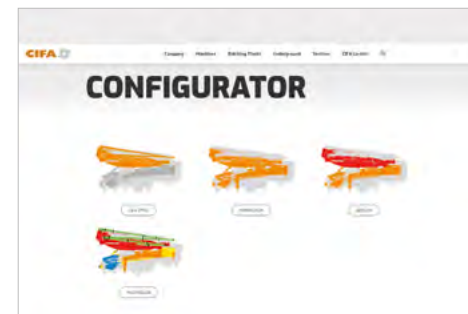
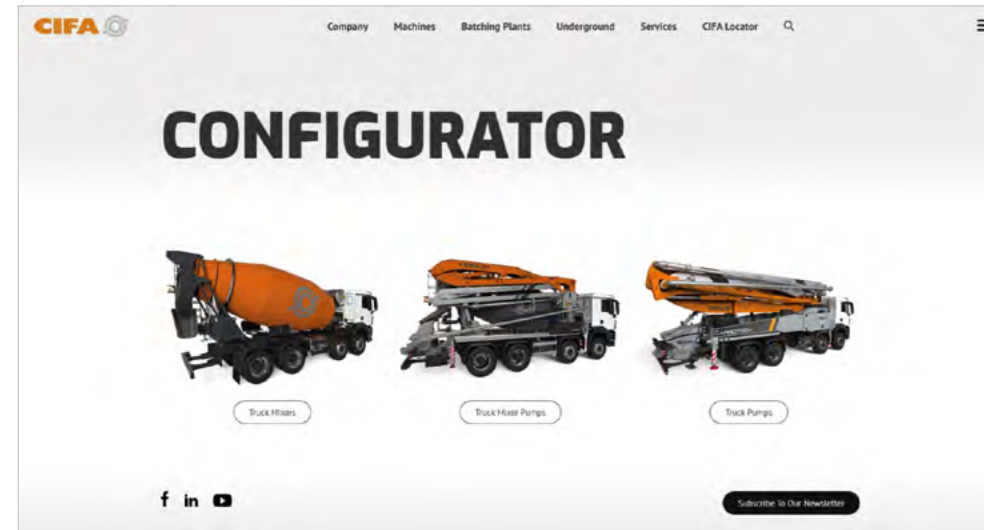
Create unique products is our mission. All our products can have a full customized skin easily and in a fair way. CIFA on-line colour configurator is incredibly easy to use and intuitive but able to meet the majority of customizations requirements.

In case something has been kept out of the pot simply check with the CIFA staff which might be the best solution for your request. An uncountable number of variations are available, but all with a common element: painting quality. Constant improvements looking for the best, fast and most reliable painting solution, a benchmark among the industry.

One-colour standard painting



Customized painting on demand



The perfect match is when we put together our technology with the technology chosen by our customer.

All CIFA upper structure equipment have been designed with optimized and balanced weight distribution along the truck frame to fit the legal weight requirements.

That is why we put particular attention to the mounting phase, and we develop specific solutions to the great variety of truck models.

CIFA equipments can be mounted on all truck brands according to CIFA truck specification documentation.

MOUNTED ON ALL TRUCK BRANDS



SHARING ALLOWS US TO GROW TOGETHER

We don't just work together - we know each other. Our colleagues are people above all else. We talk, we exchange ideas, and we share life events: big or small, at work or outside of work. We recognize the professional qualities of those who work alongside us. But above all, we recognize their faces.

Everyone contributes something to make our knowledge that much stronger. Initiatives such as CIFA Academy ensure training for both in-house and external operators. That way we can be sure that our machines are always working as efficiently as possible, and that they are being used correctly. And we can share the satisfaction of a job well done with our customers.



A BRAND, A PARTNER

Zoomlion Capital Italy SpA is part of the Zoomlion Capital Group based in Hong Kong.

Zoomlion Capital Italy SpA is a "Captive" company; that is to say, a financial company exclusively working for the Group's customers. Its offices are located in Senago (Milan), inside the CIFA plants, ensuring total integration with the whole Zoomlion Group in order to guarantee customers a complete range of service.

Thanks to Zoomlion Capital financial services, customers avoid having to look for multiple intermediaries for a single investment, optimising the methods, dialogue and timing.

A true partner identity that actively collaborates in the safe and protected growth of each customer. Now closer and closer, thanks to a new portfolio of financial products specifically aimed at the European market and developed in partnership with one of the leading vendor finance companies in Europe.



Zoomlion Capital Leasing: a simple, tailored financial formula able to offer the highest standards of flexibility and convenience.

The most advantageous and reliable solution, to acquire the best equipment on the market at the best financial conditions. Versatile and fast, even in procedures and approval times.



CIFA kits can be mounted on all truck brands. According to CIFA truck specification documentation.



REMOTE MONITORING SYSTEM

CIFA VISTA

The telemetry system made by CIFA has now brought the transport and pumping of concrete into the age of digitalisation, now also including the preparation of Readymix concrete.

Essential for managing the company's increasingly large fleets, as well as for remote control and assistance, it is a tool that expands opportunities for work efficiency and helps improve sustainability. In detail, **CIFA VISTA** records and saves in the cloud all the data available and processed by the machine or plant control unit.

It is therefore possible not only to geolocate each product using the integrated **GNSS** antenna, but also to monitor every aspect of use or performance in detail. For example, fuel consumption can be compared over time and in relation to work sessions.

A simple way to collect and process complex data to make it readable and usable in real time or years later. Not only that, the system is a key ally for routine maintenance or remote assistance or for simple operating system updates.

This technology will aim to integrate the systems mounted on the vehicles; be they concrete mixers, pumps or truck mounted concrete pumps; with the batching plant. The entire concrete preparation and pumping process will thus be traced, creating the first certified concrete supply chain from raw aggregate to the construction site.

MAIN FEATURES



SUPPORT MANAGEMENT

Streamlined data sharing between customers dealers and CIFA.



PREDICTIVE MAINTENANCE

Monitor the usage of machines and schedule maintenance in advance easily.



WORLDWIDE DATA COVERAGE

Europe, Africa, Asia, America and Oceania: we got you covered.



TROUBLESHOOTING

Get real time and stored diagnostic messages.



FLEET MONITORING

Analyze real-time and stored data easily, monitor productivity and costs, anti-theft.



TRUCK PUMPS

FULLY EQUIPPED TO PROVIDE
HIGHEST PERFORMANCES



PLACING BOOMS

Available lengths to reach all distances (from 40 to 80 meters)



STABILIZATIONS

Different types of stabilization always easy to configure in all kind of jobsites.



PUMPING UNITS

Two closed loop types according to the desired way of pumping.



CONTROL SYSTEMS

Designed and positioned to facilitate job and to speed-up all operations.



SMART CONTROLS

Assisted electronic controls to facilitate all main complex operations.

+20%
STRONGER

TO WITHSTAND
THE HARDEST STRESSES

Composite materials offer higher resistance to strains and fatigue compared to steel.

-25%
WEIGHT

LIGHTER, ALSO IN TRANSFERS

To respect legal limits and at the same time to save fuel in transfer compared to traditional pumps of the same length.

+20%
LENGTH

LONGER, TO GET ANYWHERE

Greater boom length means less placings of the pump on the jobsite.

TRUCK PUMPS

CARBOTECH Series



K40H

Boom height: 39,1 m
Boom sections: 5



K47H

Boom height: 46,1 m
Boom sections: 5



K53H

Boom height: 52,1 m
Boom sections: 5



K60H

Boom height: 59,1 m
Boom sections: 6



K67H

Boom height: 66,1 m
Boom sections: 7



K80H

Boom height: 79,5 m
Boom sections: 7

CARBOTECH SERIES:
THE REVOLUTION IN
CONCRETE DISTRIBUTION

In 2010 CIFA introduced the use of composite materials in the machinery construction industry, making a series of concrete distribution booms with this innovate technology. Thanks to the growing market demand, CIFA offers to the market a wider range of Carbotech Series, from 40 to 80 meter booms.

LIGHTNESS, LENGTH
AND STRENGTH
BEYOND EVERY LIMIT

Lighter and longer, but at the same time stronger and more resistant. CIFA Carbotech booms allow to obtain unparalleled results, overcoming inviolable limits, in terms of heights and lengths.

Product Range

13

CIFA

**FULLY EQUIPPED TO PROVIDE
HIGHEST PERFORMANCES**



PLACING BOOMS

Boom Pump - Available lengths to reach all distances (from 20 to 63 meters)



STABILIZATIONS

Always easy to configure in all kind of jobsites.



PUMPING UNITS

Three open loop types and two closed loop types according to the desired way of pumping.



CONTROL SYSTEMS

Designed and positioned to facilitate job and to speed-up all operations.



SAFETY

Different systems to work and move the boom in all its configurations in total safety.

TRUCK PUMPS

STEELTECH Series



K20L

Boom height: 19,75 m
Boom sections: 4



K24L

Boom height: 23,59 m
Boom sections: 4



K31L

Boom height: 30,5 m
Boom sections: 5



K36L

Boom height: 35,6 m
Boom sections: 4



K36L-5

Boom height: 35,1 m
Boom sections: 5



K38L

Boom height: 37,6 m
Boom sections: 4



K42L

Boom height: 41,1 m
Boom sections: 5



K50L

Boom height: 49,1 m
Boom sections: 5



K56L

Boom height: 55,1 m
Boom sections: 5



K61L

Boom height: 60,1 m
Boom sections: 5



K63L

Boom height: 62,2 m
Boom sections: 6



FULLY EQUIPPED TO PROVIDE
HIGHEST PERFORMANCES



CSD

Constant Speed Drive system that adjusts the drum rotation speed independently of the truck engine speed.



LIGHT WEIGHT

Light SL Series and extra light SLX Series, available with PTO or with auxiliary engine.



HHRC

Handheld Radio Remote Control to monitor & control the machine wirelessly, robust and reliable.



HEAVY DUTY

Sturdy and powerful HD Series, available with PTO or with auxiliary engine.



RY

Nominal capacity: 10/12 m³



HD/HDA

Nominal capacity: 7-8-9-10-12-15 m³
Available with Auxiliary Engine



SL/SLA

Nominal capacity: 4-7-8-9-10-12-15 m³
Available with Auxiliary Engine



SLX

Nominal capacity: 8-9-10 m³

RY SERIES

Italian market series with PTO, designed specifically to work with dry systems.

Made to both mix and unload dry cast concrete.

Nominal capacity details (m³):
10-12

Control system:
CSD Advanced

Conformity to EN12609

HD/HDA SERIES

Rugged heavy duty series, made for extra EU markets.

The HD series is equipped with PTO, while the HDA series features an auxiliary engine

Nominal capacity details (m³):
HD: 7 - 8 - 9 - 10 - 12 - 15
HDA: 7 - 8 - 9 - 10

Control system:
BASIC

SL/SLA SERIES

Super lightweight mixer series, designed for the EU markets.

The SD series is equipped with PTO, while the SLA series features an auxiliary engine

Nominal capacity details (m³):
4 - 7 - 8 - 9 - 10 - 12- 15

Control system:
BASIC or CSD Advanced

Conformity to EN12609

SLX SERIES

Extra light series with PTO, designed for EU markets.

Nominal capacity details (m³):
8 - 9 - 10

Control system:
BASIC or CSD Advanced

Conformity to EN12609



MAGNUM SERIES: ALL IN ONE



PLACING BOOMS

Available lengths to reach all distances (from 24 to 32 meters)



STABILIZATIONS

Different types of stabilization in order to guarantee a safe work in a small area.



PUMPING UNITS

Two open loop types and one closed loop type according to the desired way of pumping.



CONTROL SYSTEMS

Designed and positioned to facilitate job and to speed-up all operations.



DRUMS

Two types of drums are available according to customer needs: 7 and 9 m³.

CARBOTECH Series



MAGNUM MK25H

Boom height: 24,2 m
Boom sections: 4



MAGNUM MK28H

Boom height: 27,15 m
Boom sections: 4



MAGNUM MK24L

Boom height: 23,15 m
Boom sections: 3



MAGNUM MK28L

Boom height: 28,1 m
Boom sections: 4



MAGNUM MK28L-5

Boom height: 28,1 m
Boom sections: 4
Concrete pipes 5"



MAGNUM MK32L

Boom height: 31,2 m
Boom sections: 4



EFFICIENCY IN SUSTAINABILITY



LESS NOISE

The engine can be switched off during operations, lowering the noise by 10 dB.



FAST RECHARGE

Up to 1 hour recharge using the high speed quick charge column designed by CIFA.



HIGH PERFORMANCE

No compromise on performance: the electric motor can power autonomously all work operations.



LESS EMISSIONS

Powered by lithium batteries, the Energya series can reduce emissions up to 95%.



ELECTRIC WITH BATTERIES

All machines are equipped with a set of high efficiency lithium batteries that can power directly their electric induction motor.

PLUG-IN ELECTRIC TECHNOLOGY



CSSE SPRITZ

Theoretical output (min-max): 5-30 m³/h
Max pressure on concrete: 65 bar



E9 MIXER

Nominal capacity: 9 m³



MK28E PUMP MIXER

Boom height: 27,15 m
Boom sections: 4



K42E TRUCK PUMP

Boom height: 41,1 m
Boom sections: 5

More than a range, an ecosystem: efficiency in sustainability.

CIFA machines are ready to travel the roads of the future, perfectly consistent with the developments of an ever greater sensitivity towards the environment.

A smart investment that is repaid by use.

During all the operational phases (in the plant and in the movements, as well as on site), the diesel engine of the vehicle is subjected to less wear, thus also reducing maintenance costs.

The first and only plug-in electric range in the world.

We brought the concept of electric into the world of construction sites, with dedicated solutions capable of offering multiple advantages: less consumption, less emissions, greater respect for the environment.

So much autonomy, zero problems.

Particular attention is paid to the transformation of mechanical energy into electricity (and its storage). This technology allows the optimization of the passage from electrical to mechanical energy, such as for example the rotation of the drum in the cement mixer.

Multiple benefits for workers and the environment.

Both during the loading and unloading phases, the diesel engine of the truck can be switched off and, in case of the truck mixer and truck mixer pump, the drum is driven with the electric motor connected to the battery.

Zero emissions on-site and in closed environments.

Energya advantages become even more relevant within closed environments, where every noise is amplified and where the exhaust gases represent a threat to the well-being of the operators.

THE BEST PUMPING PERFORMANCE. ALWAYS



PORTABLE PUMPS

Full range with different concrete output and pressure, from 30 to 90 m³/h.



PIPE AND DEVICES

To pump the concrete from the portable pumps to placing booms in the best way.



PLACING BOOMS

Advanced solutions for skyscrapers building.



COMPACT

Small and versatile, can operate smoothly even in the tightest spaces.

PORTABLE PUMPS



PC307

Max theoretical output: 30 m³/h
Max pressure on concrete: 70 bar



PC158

Max theoretical output: 2-15 m³/h
Max pressure on concrete: 80 bar
Available with road omologation



PCC607

Max theoretical output: 60 m³/h
Max pressure on concrete: 67 bar



PC506

Max theoretical output: 52 m³/h
Max pressure on concrete: 57 bar



PC709

Max theoretical output: 70 m³/h
Max pressure on concrete: 90 bar



PCC907

Max theoretical output: 87 m³/h
Max pressure on concrete: 66 bar



PC506 LP

Max theoretical output: 52 m³/h
Max pressure on concrete: 57 bar



PC907

Max theoretical output: 87 m³/h
Max pressure on concrete: 66 bar



PC607

Max theoretical output: 60 m³/h
Max pressure on concrete: 67 bar



PB 29A-3RC

Horizontal reach: 29 m



PB 33A-4ZC

Horizontal reach: 33 m

PLACING BOOMS

CONCRETE SUPPLY EXPERTISE IN UNDERGROUND SITE



TOUGH

High performance and reliability with the strongest focus on operational safety.



SUBTERRANEAN

Designed for the jobsite and improved by experience, suitable for mining and tunneling.



SUSTAINABLE

Low emission, safe for both the environment and the operators.



COMPACT

Small and versatile, can operate smoothly even in the tightest spaces.



UNDERGROUND MACHINERY



ELK

Max theoretical output (min-max): 5-30 m³/h
Max pressure on concrete: 65 bar



MAMBA

Max theoretical output (min-max): 5-30 m³/h
Max pressure on concrete: 65 bar



CST 8.20

Max theoretical output (min-max): 3-20 m³/h
Max pressure on concrete: 65 bar



DINGO

Max theoretical output (min-max): 3-30 m³/h
Max pressure on concrete: 60 bar



MANTIS

Maximum spraying reach: V 8,9m - H 7,55m
Arm extension: 4 sections (3 telescopic)



RHINO

Max theoretical output: 2-15 m³/h
Max pressure on concrete: 80 bar



COGUARO

Nominal capacity: 4 m³



MYRIA

Nominal capacity: 6-8-10-12 m³

THE VALUE OF INNOVATION



EASY TO MOVE AND ASSEMBLY

Compact and transportable, all the components are simple to place and install.



MIXING TECHNOLOGY

Full automated mixing device, fast and simple to use without however compromising on quality.



ADVANCED CONTROL

Complete operational control that can be integrated with the CIFA Vista monitoring system.



MODULAR PHILOSOPHY

Versatile structure, intuitive to place, adapt and modify.



AGGREGATE BINS

Bolted structure can easily be modified even on site, adaptable to any circumstance.

READY MIX



DIAMOND

Semi mobile, wet concrete
Max. hourly production: 50 - 180 m³/h
Aggregate storage: 65 - 260 m³



ZIRCON

Semi mobile, wet concrete
Max. hourly production: 45 - 120 m³/h
Aggregate storage: 70 - 160 m³



SAPPHIRE

Semi mobile, wet concrete
Max. hourly production: 45 - 120 m³/h
Aggregate storage: 40 - 260 m³



DRY

Semi mobile, wet concrete
Max. hourly production: 40 - 110 m³/h
Aggregate storage: 10 - 260 m³

RECYCLING



CIFAWASH

Slurry water capacity: 30 - 100 m³/h
Concrete recycling capacity: 11 - 25 m³/h



AQUATECH

Slurry water capacity: 1.4 - 4.0 m³/h

FLOORING



EASYFLOOR A70

Mobile paving system
Pumping unit: HP86
Max. theoretical production: 8 m³/h



EASYFLOOR P70

Mobile paving system
Pumping unit: HP95
Max. theoretical production: 30 m³/h

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The catalogue shows models, outfitting versions and configuration possibilities (standard and optional) of machines for the production, transport and pumping of concrete, manufactured and distributed by CIFA SpA. The catalogue is intended for general information purposes only and the information it contains shall not be deemed a contractually binding document, since CIFA SpA may make constructive and outfitting modifications at any moment and during the period between publication of the catalogue, the production of the equipment and the publication of a more updated catalogue.