

# MARKETING BULLETIN 2020 Q4

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# PRODUCT TECH NEWS





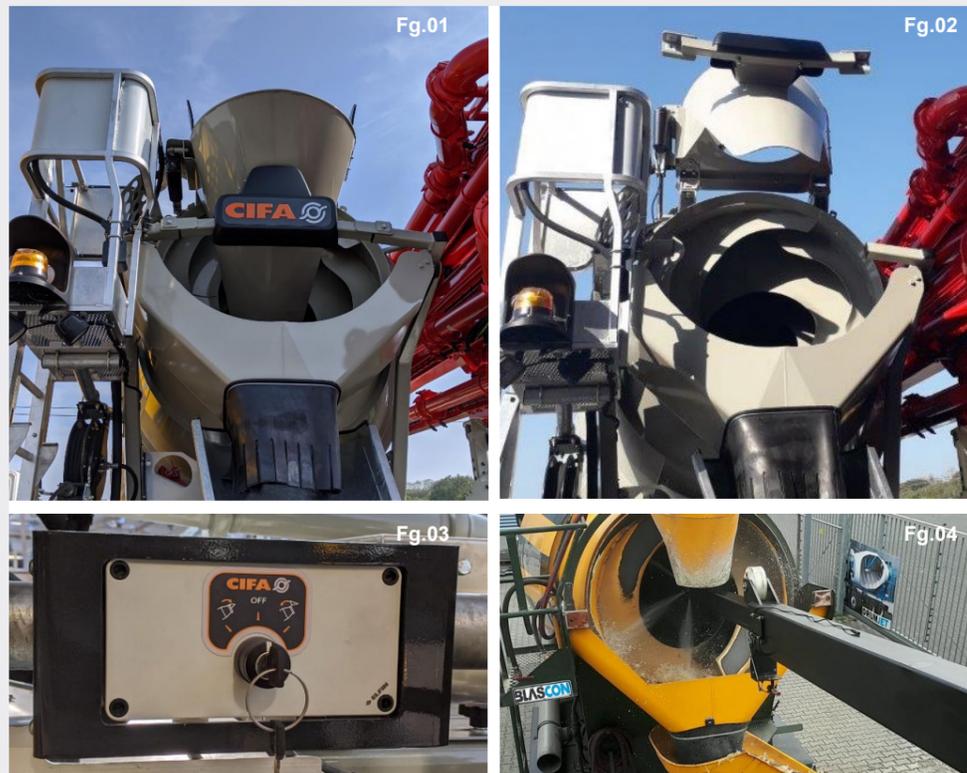
## MK AND TRUCK-MIXERS: OPENING OF LOADING HOPPER

TECH NEWS: 28/20

DATE: 14/09/2020

A new option for the Truck Mixer Pump hopper has been released to simplify the cleaning operations inside the drum. The opening is managed by an electric cylinder, the control is positioned instead in a box panel under the ladder (Fig.03). This robotic system can remove hardened concrete buildup from the mixer drum blades and drum wall. The system replaces human manual concrete removal work making this operation safer. (Fig.04)

### NEW SOLUTION



#### NOTES

This option is available on price-list for Truck - Mixers (MIOP0125) and Truck-Mixer Pumps (MAOP088).

START OF PRODUCTION: **SEPTEMBER 2020**

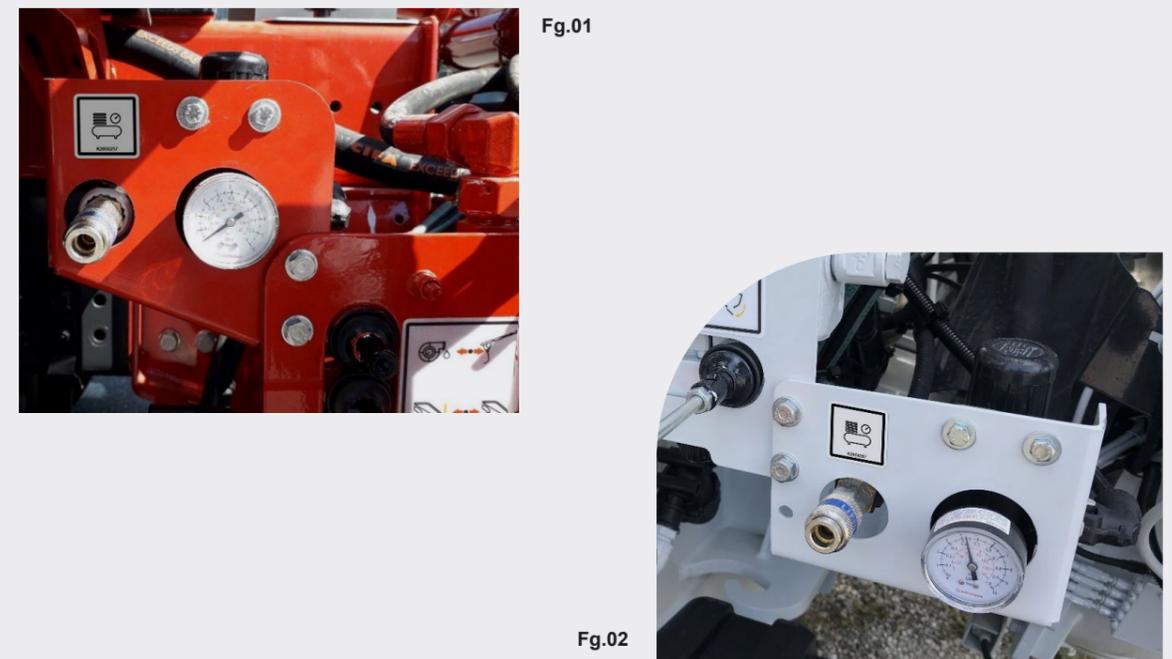
## MK AND TRUCK-MIXERS: QUICK AIR CONNECTION ON REAR SIDE

TECH NEWS: 29/20

DATE: 21/09/2020

To improve the products, CIFA has implemented a new option to allow the quick air connection on rear side of the machines. This option provides an additional air connection and a dedicated pressure regulator with relative manometer. (Fig.01-02)

### NEW SOLUTION



#### NOTES

This option will be available on 2021 price-list with these sale codes:

- Truck-Mixers(MIOP0138)
- Truck-Mixer Pumps (MAOP089)

START OF PRODUCTION: **JULY 2020**



## MK: PROTECTIVE CARTER OF SWING CYLINDERS

TECH NEWS: 30/20

DATE: 24/09/2020

The swing cylinders carter has been improved with a new material, for the Truck-Mixer Pumps assembled with the pumping unit PB808L.

Main features of the new carter in plastic material are:

Lighter than steel solution

Easier to assemble

More enveloping and protective

Improved design

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

The new carter, in plastic material, are perfectly interchangeable with old steel solution (code L2032518).

The new code in plastic is: L3004067

START OF PRODUCTION: **SEPTEMBER 2020**

## TMCP: REAR LIGHTS AND PLATE SUPPORT

TECH NEWS: 31/20

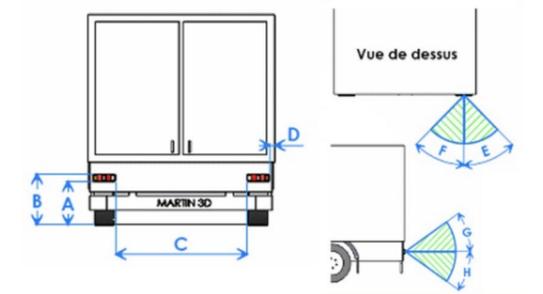
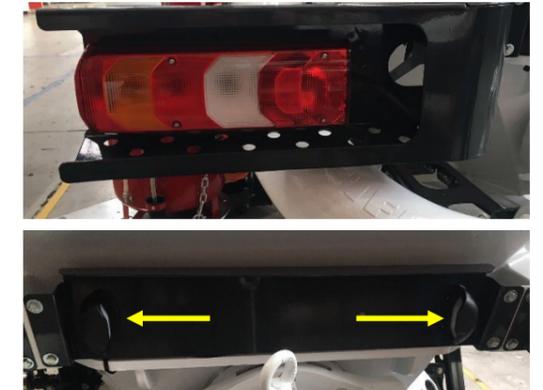
DATE: 24/09/2020

To comply with road homologation, the design of the rear lights support and the road number plate design has been updated. To comply it is necessary that no item is placed on the lights and nothing shall be placed in the area inside visibility angles. Finally the plate lights have been replaced using LED, ensuring the minimum distance compliance between the plate and the lamps. Moreover, the structure of the lights support has been redesigned to increase its robustness.

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

Codes:

Left light support: OLD S2046683 – NEW S3004208

Right light support: OLD S2046691 – NEW S3004209

Plate: OLD S2050107 – NEW S3003392

Lights:

OLD K000909813/K000909814 – NEW K3004606

The new codes are totally interchangeable with the previous version.

START OF PRODUCTION: **SEPTEMBER 2020**



## TMCP: OPENING HOPPER COVER PU

TECH NEWS: 32/20  
DATE: 24/09/2020

A new mechanism for the hopper cover has been released to overcome the limited positions of the old solution.

Now the cover can be locked in four different positions:

- 20°
- 45°
- 65°
- 90°

This will improve the use and the cleaning phase of the hopper.

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

On HP16060H and HP1608EC it is possible to make a retrofit making some holes Ø10 mm.

On HP1808ECX it is possible to make a retrofit, giving to the customer the code S2029023 Rev.03.

START OF PRODUCTION: **JUNE 2020**

## MK: PLASTIC CARTER

TECH NEWS: 33/20  
DATE: 08/10/2020

To improve the products CIFA introduces the carter made of plastic material to protect the slewing ring also on MK28L and MK28H machines.

Main features of the new carter solution are:

Lighter than steel solution

Easier to assemble

More enveloping and protective

Improved design

### PREVIOUS SOLUTION

#### STEEL SOLUTION



### NEW SOLUTION

#### PLASTIC SOLUTION



#### NOTES

The new carters, made of plastic material, are perfectly interchangeable with old steel version: (code S1026973).

New code for MK28L and MK28H is : S3004232

START OF PRODUCTION: **JULY 2020**



## K24L: STANDARD PIPELINE RACKS ON PLATFORM

TECH NEWS: 35/20  
DATE: 15/10/2020

The K24L in standard version has cabinets on both sides. The type and position of the hinges have been improved.

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

The codes are:  
Old: L2046396 e L2046443  
New: L2055878

START OF PRODUCTION: **OCTOBER 2020**

## TMCP: SWIVEL EXIT ELBOW

TECH NEWS: 36/20  
DATE: 21/10/2020

The swivelling exit elbow option (Tech News 22/20) has been upgraded to meet requests for a washing-ball arresting pin. The two codes, without or with the pin, are totally interchangeable. The pin is installed so as to allow its movement in every position of the elbow.

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

Codes:  
L3002885 swivel exit elbow assembly  
Exit elbow codes:  
New S3004520 with pin  
Old S2047274 without pin

START OF PRODUCTION: **OCTOBER 2020**



## TMCP: ALUMINUM HOPPER COVER

TECH NEWS: 37/20  
DATE: 21/10/2020

A new aluminum hopper cover is available in addition to the fiberglass version. The shape is simple and smooth to ease cleaning. The opening is aided with two stainless steel springs installed on both sides. The cover may be locked in position at 0°-25°-50°-75°-90°. Two rubber ties are used to keep the cover closed during road transfers.

### NEW SOLUTION



#### NOTES

Codes:  
L3012938 HP1608EC  
L3012939 HP1808ECX

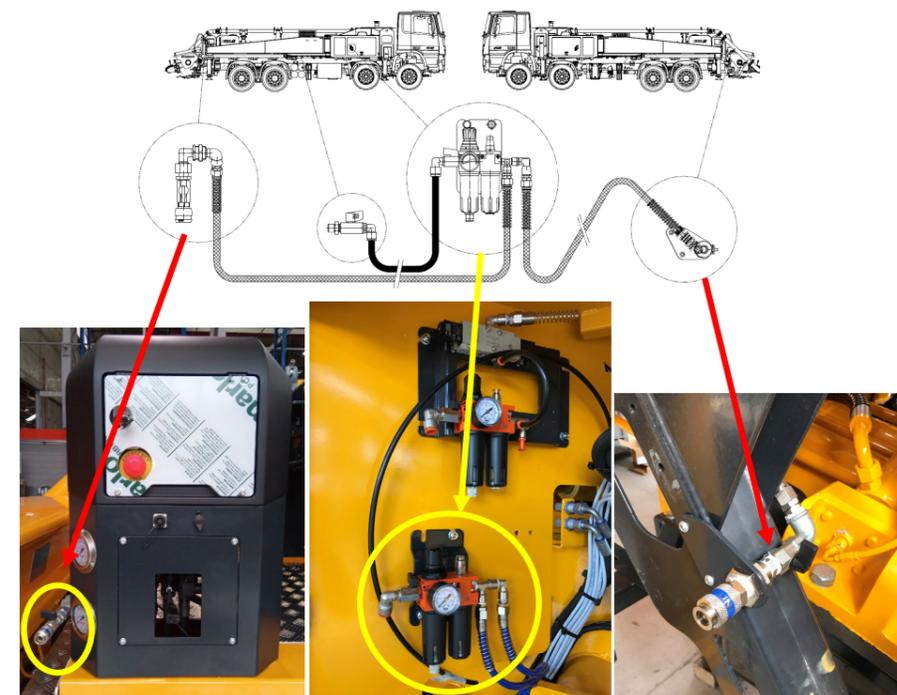
START OF PRODUCTION: **JANUARY 2021**

## TMCP: DOUBLE AIR PIPELINE

TECH NEWS: 38/20  
DATE: 22/10/2020

A new layout of the air pipeline has been developed to make the use easy during the operation. The Truck Pumps can be equipped with an additional connection for the air supply on the rear left side. A total of two outlets will be available with this option: one fixed on the cover of the rear control panel, the other one on the left on the pipeline support.

### NEW SOLUTION



#### NOTES

Code: L3004258  
Code on the price list: PAPOP122

START OF PRODUCTION: **OCTOBER 2020**



## TMCP: HIGH PRESSURE WATER PUMP

TECH NEWS: 39/20

DATE: 06/11/2020

The TMCP option "high-pressure water pump" has been upgraded to improve reliability and performance.

The new piston pump allows working at lower truck engine RPM delivering 15 l/min and 150 bar of water pressure reducing fuel consumption.

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

The codes are:

New K3007649 / Old K3002179

Price list code:

PAOP041 L3007776 Kit high pressure pump.

PAOP042 L3007779 Kit high pressure water pump with cable reel.

START OF PRODUCTION: **NOVEMBER 2020**

## TMCP: MULTISTAGE WATER PUMP

TECH NEWS: 40/20

DATE: 06/11/2020

To improve the product and prevent freezing issues, CIFA developed a new option: cold weather water pump. The pump is multistage-type and flooded, so when the operator empties the tank, no water will remain inside the pump and hoses.

This option is available for:

K36L-K36L-5-K40H-K42L-K45H-K47H The pump is mounted inside the plastic water tank in the inspection opening.

K53H-K56L-K60H-K63L-K67H: only available with an additional 600-liters tank made of stainless steel mounted on the rear frame between the boom support and the pumping unit water box. In both configurations the multistage pump substitutes the standard water pump 50 l/min - 50 bar and can be supplied with or without the high-pressure water pump.

### NEW SOLUTION

K36L-K40H-K42L-K45H-K47H



K53H-K56L-K60H-K63L-K67H



K36L-5



#### NOTES

Codes:

PAOP123 K36L-K36L-5-K40H-K42L-K45H-K47H / PAOP124 K53H-K56L-K60H-K63L-K67H

Water pump K3007704 / Motor K3012666

START OF PRODUCTION: **JANUARY 2021**



## PC: TRAILER PUMP S6 ON SKID

TECH NEWS: 41/20  
DATE: 09/11/2020

To complete the range a new option for 6-series trailer pumps has been designed: The PC 6" series on a skid.  
This version has a base frame made with square pipes and provides a fixed pipeline.  
The following items will not be supplied:  
Axle and tyres  
Stabilizers  
Drawbar  
Foot pedestal  
This configuration is available on all models of the 6"-series, in any engine configuration, stage IIIA, stage V and electric.

### NEW SOLUTION



#### NOTES

Code: L3008560 frame  
L3008628+L3008633 pipeline  
Code on the price list: PPOP032

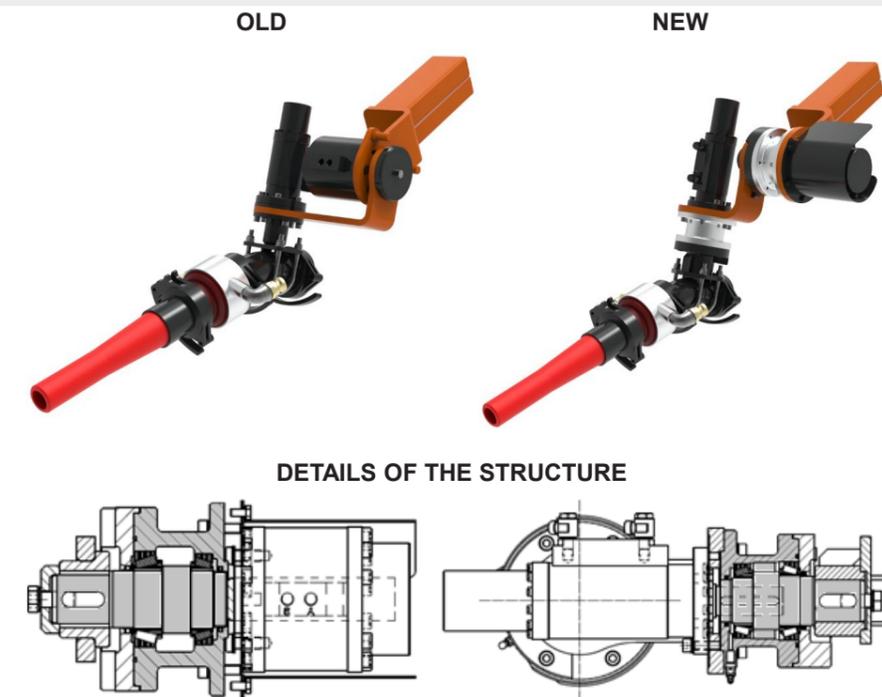
START OF PRODUCTION: **JANUARY 2021**

## SPRITZ: HEAVY DUTY NOZZLE

TECH NEWS: 42/20  
DATE: 10/11/2020

A new option for CSS3 EVO and CST 8.20 will be available on the 2021 price list, the heavy-duty nozzle. To stiffen the supports, the shaft of every rotary actuator is supported by a special flange with a new shaft and two bearings. With this solution, the loads are supported by the bearings and not by the rotary actuator shaft.  
Both aluminum flanges (gray in the pictures) have a dedicated greasing point to lubricate the bearings.  
The new supports are totally interchangeable with the old ones.  
The new solution is heavier by 15 kg.

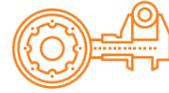
### NEW SOLUTION



#### NOTES

Code: New L3001821 / Old L2012984  
Code on the price list: CSS3 EVO UCPT47 / CST 8.20 UCPT50

START OF PRODUCTION: **JANUARY 2021**



## SPRITZ: STAINLESS STEEL ELECTRICAL CABINET

TECH NEWS: 43/20  
DATE: 10/11/2020

To improve the quality and to grant a longer lifetime in high humidity conditions and in presence of corrosive chemicals, for CSS3 EVO and CST, it's possible to supply all the electrical cabinets made of stainless steel.  
This is a new option on the 2021 pricelist.

The cabinets are:  
The main control panel  
The driving control panel in the cab  
The secondary box

Inside components and the interface for the operator are not affected by any change.

### NEW SOLUTION

STANDARD SOLUTION



STAINLESS STEEL SOLUTION



#### NOTES

Codes on 2021 price list:  
CSS3 EVO UC0PT48  
CST 8.20 UC0PT51

START OF PRODUCTION: **JANUARY 2021**

## SPRITZ: ADDITIVE TANK FILLING PUMP

TECH NEWS: 44/20  
DATE: 10/11/2020

There is a new option available in the 2021 price list for spritz machines to help the operators to fill the additive tank.

The gear pump is connected on one side to the standard tanks of the machine, and on the other side, there is a fast joint where the operator may connect the additive jobsite supply tank.

The gear pump is moved by a hydraulic motor controlled by a button near the pump. The output is 100 l/min.

There is also a visual flow gauge on the delivery line, and another socket to discharge or wash the circuit.

### NEW SOLUTION



#### NOTES

Codes on 2021 price list:  
CCSS3 EVO UC0PT49  
CST 8.20 UC0PT52

START OF PRODUCTION: **JANUARY 2021**



## TMCP: CIFA VISTA

TECH NEWS: 45/20  
DATE: 22/10/2020

A new option for TMCP is available: CIFA VISTA  
This new and innovative service uses a device with an integrated SIM card as an interface with a dedicated web portal where the user can access

- Fleet overview
- Tracking
- Productivity data
- Transport data
- Fuel consumption
- Machine-Health state
- Anti-theft
- Maintenance monitoring

Italy-only note - Solo per il mercato italiano questo dispositivo è considerato "Industria 4.0". Per beneficiare degli incentivi è necessaria una certificazione per incentivi.

### NEW SOLUTION



#### NOTES

Code on the price list: PAPOP122

START OF PRODUCTION: **OCTOBER 2020**

## MK: NEW S-VALVE CYLINDERS COVER

TECH NEWS: 46/20  
DATE: 21/10/2020

The Truck Mixer Pumps for PB607L and PB607EPC pumping unit the material of the S-Valve cylinders cover has been changed from metal to plastic.

New solution advantages:

- Lighter than steel solution
- Easier to assemble
- More enveloping and protective
- Improved design

### PREVIOUS SOLUTION



### NEW SOLUTION



#### NOTES

The new code is: L3004078

START OF PRODUCTION: **OCTOBER 2020**



## MK: SMARTRONIC 2021 UPDATES

TECH NEWS: 47/20

DATE: 22/10/2020

The SMARTRONIC system installed as standard on Truck-Mixer Pumps - CARBOTECH series with pumping unit PB607EPC is upgraded as follows:

Standard improvements :

- New display with 5" screen
- Black box function - the system logs events to ease diagnostics
- Manual timing for pumping unit greasing - the system allows to manually start grease-feeding for a set amount of time

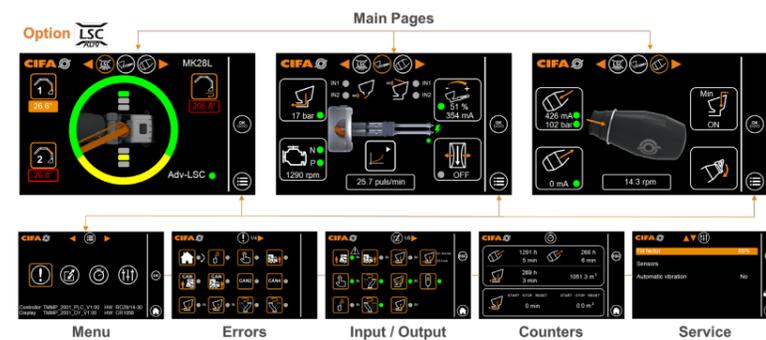
Options :

- Boom rest position - the system alerts the operator using a buzzer in the cabin if the boom is not properly closed
- Pumping unit ramps management - the software allows setting different pumping ramps for different types of concretes (dry concrete slow ramp; wet concrete fast ramp)
- Pressure limiter - the new software allows the operator to set the maximum pumping pressure on concrete

### NEW SOLUTION

#### Main features of the new display:

- ✓ Dimension 5": 176,6 x 114,1 x 41 (mm)
- ✓ Ambient Temperature: -20 / +50 °C
- ✓ Display Resolution: 800 x 480 (pixels)
- ✓ Integrated Audio Stereo Output
- ✓ Black Box Function



#### NOTES

Price list codes for the new options: boom rest position (MAOP098)  
pumping unit ramps management + pressure limiter management (MAOP097)  
These options will be added in the pricelist in the first release after Jan 2021

START OF PRODUCTION: **OCTOBER 2020**

## MK: END HOSE REST SADDLE

TECH NEWS: 48/20

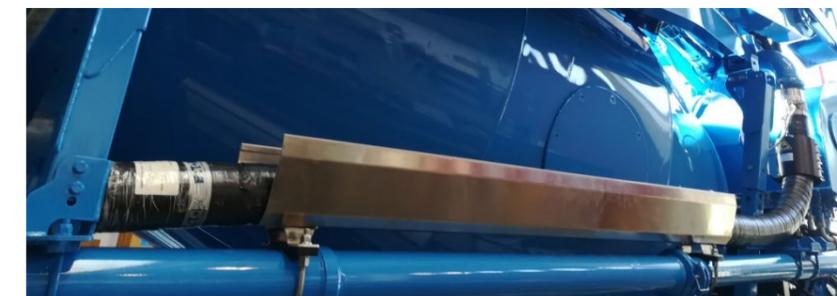
DATE: 24/10/2020

A new option for truck-mixer-pumps is available:

saddle for rubber end-hose 4" and 5".

This support is made of Stainless Steel and allows the operator an easier and faster positioning of rubber end-hose when closing the boom.

### NEW SOLUTION



#### NOTES

This component fits also old MK machines already in the field.  
The kit code is : L3016712  
This option will be available on 2021 price-list with the sale code: MAOP096

START OF PRODUCTION: **OCTOBER 2020**



## MK: WOODEN STOCKS HOLDER

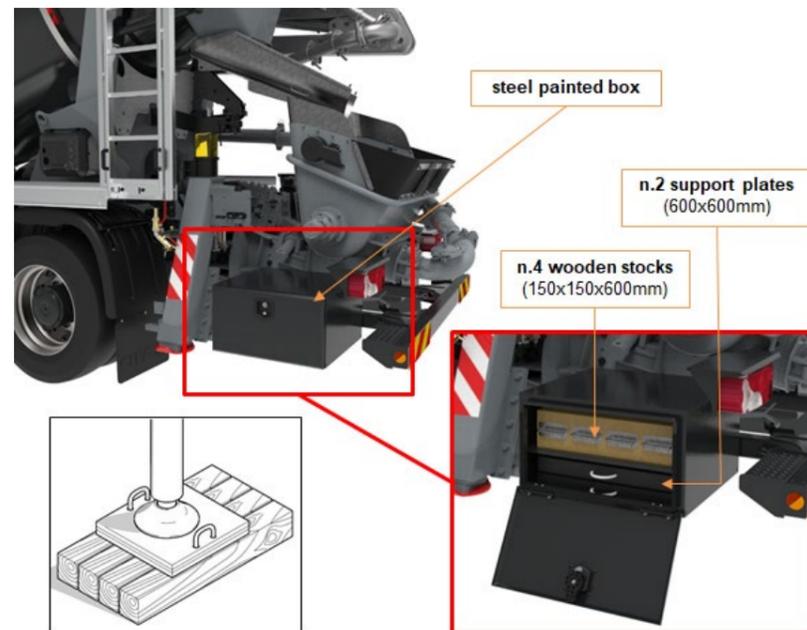
TECH NEWS: 49/20  
DATE: 24/11/2020

To increase stabilization safety with bigger models MK28L-5" and MK32L, CIFA added as an option, No. 8 wooden stocks (four for each side) to be placed under the stabilization load spreaders.

The option will be composed by :

- n.2 steel painted boxes
- n.4 bigger support plates (600 x 600mm)
- N.8 wooden stocks (150 x 150 x 600mm)

### NEW SOLUTION



#### NOTES

The complete kit code is : L3015784

This option will be available on 2021 pricelist with the sale code : MAOP093

START OF PRODUCTION: **JANUARY 2021**

## TMCP: CONCRETE PIPELINE LLN AND LLT

TECH NEWS: 50/20

DATE: 24/11/2020

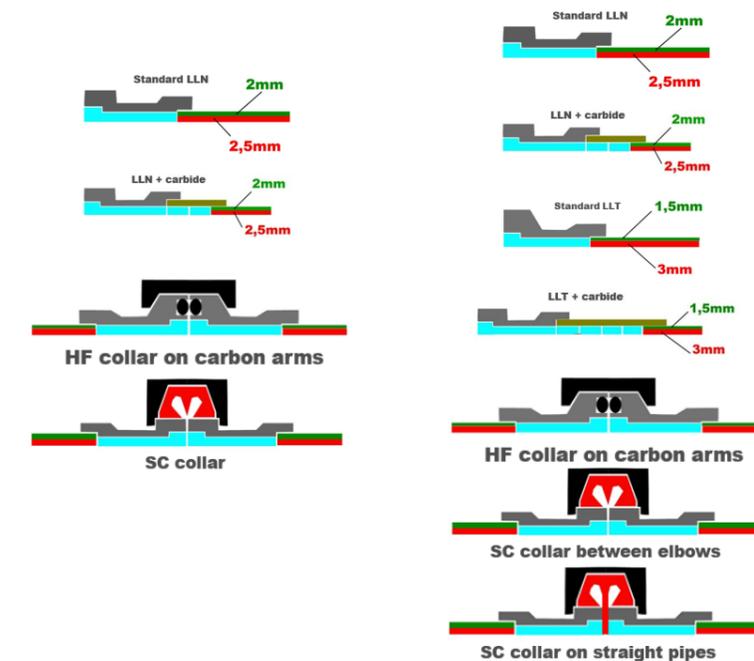
A new standard layout is set for the concrete pipeline to improve the feedback from the field and mounting operations. The standard equipment of a TMCP is LLN (Long Life Normal) pipeline and the features are:

- 2,5 mm thickness inner pipe and 2 mm outer pipe.
- Next to every 15°-30°-45°-60° elbow there is pipe with 2 40 mm carbides, to avoid wear.
- Between every straight pipe there is GUTL gasket, with a 3 mm lip to avoid the movement of the pipes inside the coupling.
- SC collars with standard coupling.

LLT (Long Life Top) pipeline configuration:

- Inner pipe 3,5 mm thickness and outer pipe 1,5 mm.
- Next to every 15°-30°-45°-60° elbow there is a pipe with 4 40 mm carbides, to avoid wear.
- Between the straight pipes there is GUTL gasket, with a 3 mm lip to avoid the movement of the pipes inside the coupling.
- SC collars with standard couplings on steel arms and HF collars with HF couplings on carbon fiber arms.

### NEW SOLUTION



START OF PRODUCTION: **JANUARY 2021**



## TMCP: CONCRETE PIPELINE FOR CARBOTECH

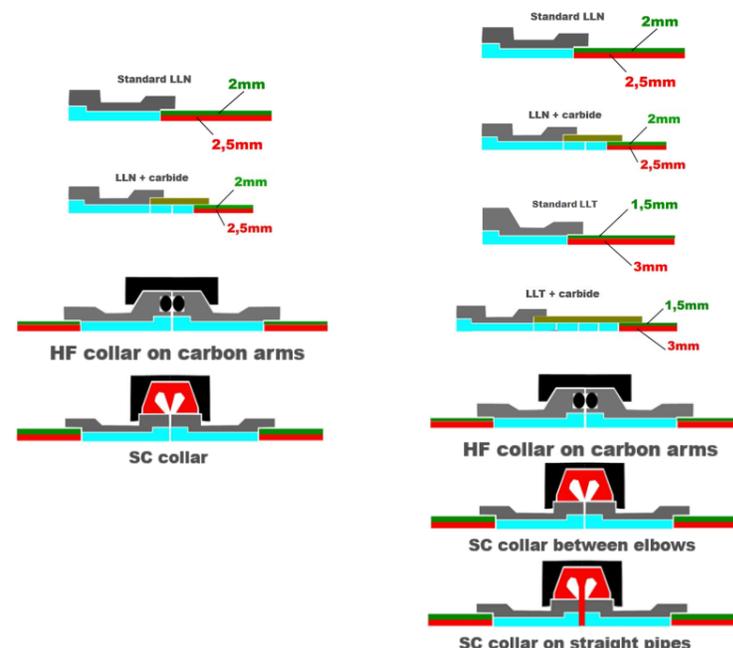
TECH NEWS: 51/20  
DATE: 24/11/2020

Carbotech machines are equipped with LLN as standard and LLT pipeline as optional, except K53H, K60H and K67H that have LLT as standard.

The layout of the pipeline in both cases is:

- Next to every 15°-30°-45°-60° elbow there is a pipe with 40 mm carbides to avoid wear.
- Between every straight pipe there is a GUTL gasket, with a lip of 3 mm to avoid the movement of the pipes inside the coupling.
- SC collar with standard joint on steel arms and HF collar with HF coupling on carbon fiber arms.

### NEW SOLUTION



START OF PRODUCTION: **JANUARY 2020**

## TMCP: CONCRETE PIPELINE FOR STEELTECH

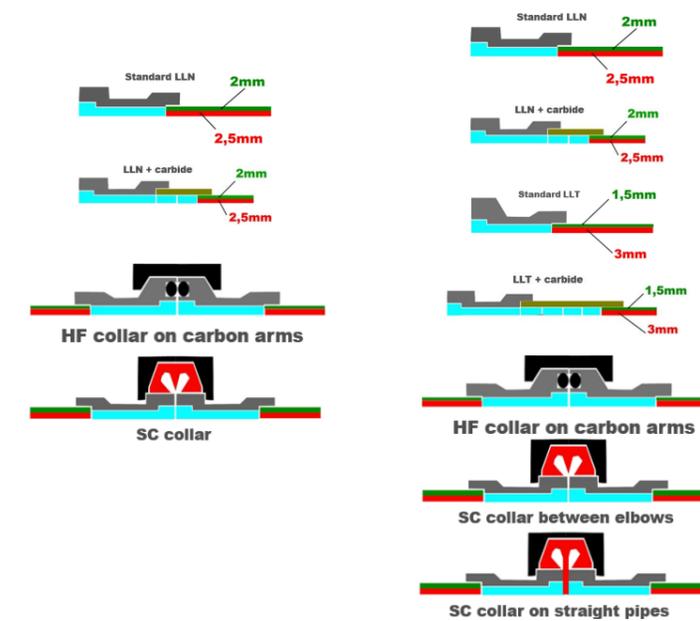
TECH NEWS: 52/20  
DATE: 24/11/2020

As per the new standard configuration, all Steeltech machines are equipped with LLN as standard and LLT pipeline as option.

The layout of the pipeline in both cases is:

- Next to every 15°-30°-45°-60° elbow there is a pipe with 40 mm carbides, to avoid wear.
- Between every straight pipe there is GUTL gasket, with a lip of 3 mm to avoid the movement of the pipes inside the couplings.
- SC collar with standard joint on steel arms and HF collar with HF coupling on carbon fiber arms.

### NEW SOLUTION



START OF PRODUCTION: **JANUARY 2021**





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