

MARKETING BULLETIN 2020 Q1

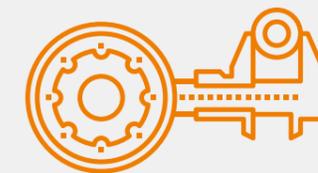
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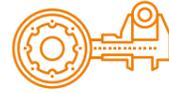
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PRODUCT TECH NEWS





LED LIGHTS ON THE REAR LADDER

TECH NEWS: 01/20
DATE: 21/01/2020

In order to provide continuous improvement for CIFA machines, we introduced two new mounted working headlights, as standard supply, under the rear ladder of our Truck-Mixer Pumps.

The previous working lights with HALOGEN technology will be replaced by working lights using LED technology.

The main advantage for the customer will be to leverage two working headlights with higher performances (lumen, IP, reliability etc.) with less electrical power than the previous HALOGEN solution.

NEW SOLUTION

-  EMC TESTED
-  IP 69K
-  VIBRATION TESTED
-  SALT SPRAY TESTED
-  E RATED OPTIONAL



NOTES

The LED headlight, with code K2056705, is interchangeable with the HALOGEN headlight with code K2042153.

ENTRY PERIOD IN PRODUCTION: **WEEK 11-2020**

FIBERGLASS PUMPING UNIT COVER

TECH NEWS: 02/20
DATE: 22/01/2020

Starting from 2020 it's possible to chose, as an option, the new pumping unit cover made of fiberglass for Truck-Mixer Pumps.

The cover is available for all pumping unit models : PB607 (open and closed circuit) and PB808 (open circuit).

This option has the sales code MAOP076.

The cover is available only coupled with the new telescopic discharging chute with the sales code MAOP083 or with the fixed discharging chutes (1200mm and 1500mm). It's not compatible with fold over chute, sales code MAOP038.

NEW SOLUTION



NOTES

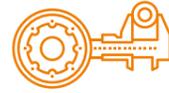
The technical code of the fiberglass cover is L2052853.

The cover is applicable only on pumping units with lowered hopper.

The relative codes of these pumping units are:

- PB607L (open loop circuit) : G3000472
- PB607EPC (closed loop circuit) : G2052837
- PB808L (open loop circuit) : G3000511

ENTRY PERIOD IN PRODUCTION: **JANUARY 2020**



MANUAL TELESCOPIC DISCHARGING CHUTE

TECH NEWS: 03/20
DATE: 22/01/2020

To improve the options for customers, the new manual telescopic discharging chute designed for Truck-Mixer Pumps is now available. The telescopic chute is available for all models of truck mixer pumps. The length of fixed part is 1300mm, while the length of extensible part is 500mm. On this telescopic chute it will not be possible to mount any other additional chutes. The sales code is the MAOP083 in the price-list 2020.

NEW SOLUTION



NOTES

The technical code of telescopic discharging chute is L2052494.

ENTRY PERIOD IN PRODUCTION: **JANUARY 2020**

PNEUMATIC SHUT-OFF FOR THE BALL VALVE OF THE WATER TANK

TECH NEWS: 04/20
DATE: 23/01/2020

To improve the product options for customers, the new "Pneumatic shut-off for the ball valve of the water tank", is available. Its sale code for Truck-Mixer Pumps is MAOP084 and for Truck-Mixers is MIOP0123. Thanks to this improvement of the system, the operator can safely close the ball valve located under the water tank remotely. The option is available only with the pressurized water tanks.

NEW SOLUTION



NOTES

The technical code of pneumatic ball valve is K2042980 while the code of hand lever valve is K2042979

ENTRY PERIOD IN PRODUCTION: **JANUARY 2019**



FIXING OF THE WATER + OIL TANKS

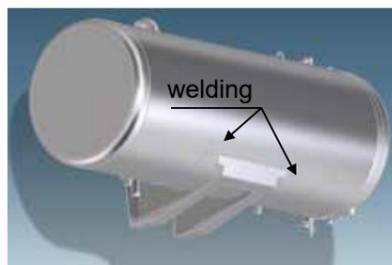
TECH NEWS: 05/20
DATE: 27/01/2020

To improve the product, the fixing of the water + oil tanks used in the RY truck-mixers series change with a new solution that provides the elimination of the weld between saddle and tank, the latter is replaced by the use of two steel bands.

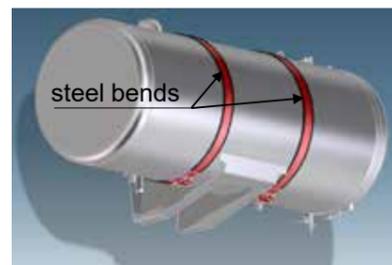
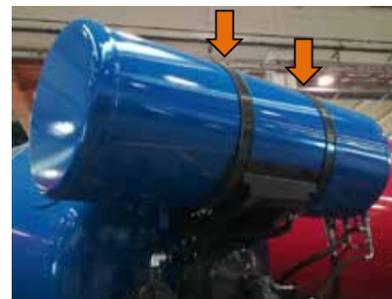
This solution is available applied on both models/capacity of water + oil tank for the RY series.

The new technical solution allows a more flexible assembling and to facilitate the tank replacement operations.

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

The new water + oil tanks are interchangeable with the previous codes / models. New codes are:

- 1200 litres : L2049864
- 800 litres : L2049822

ENTRY PERIOD IN PRODUCTION: **WEEK 4-2020**

ALUMINUM SLIDING LADDER

TECH NEWS: 06/20
DATE: 17/02/2020

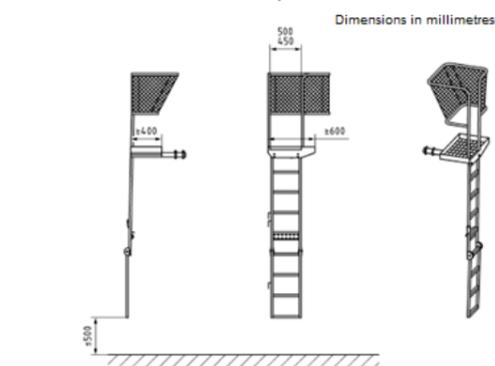
To improve the product options for the customer, the new "Aluminum Sliding Ladder" is compliant with EN 12609 relative to Safety Requirements for Truck-Mixers machines.

Its sale code for Truck-Mixer Pumps is MAOP027 and for Truck-Mixers is MIOPO074.

NEW SOLUTION

EN 12609

Dimension for ladder to platform



NOTE: The "self-closing barrier" is not shown in this figure for a better clarify.



NOTES

The technical code code is L2056424.

ENTRY PERIOD IN PRODUCTION: **JANUARY 2020**



TRUCK-MIXER PUMPS

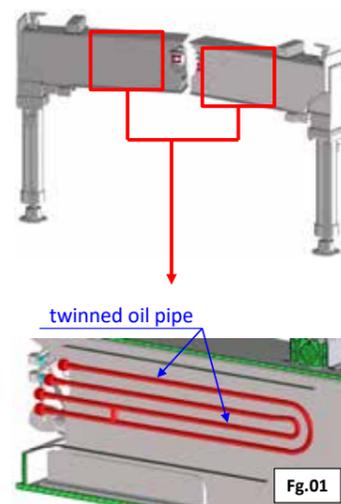
TECH NEWS: 07/20

DATE: 20/02/2020

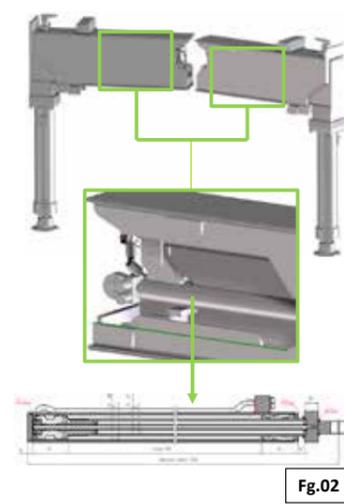
To improve the hydraulic solution used on front stabilization of MK32L and MK28L-5" machines, the old solution that provided the use of a twinned oil pipe (Fig.01) to connect the two hydraulic cylinders (on each side) necessary for opening the outriggers has changed.

The new solution is to remove the twinned oil pipe because the second cylinder is fed directly from the first cylinder through the cylinder rod (Fig.02).

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

The new solution is applicable on MK32L and MK28L-5" machines after sales or on the field. It's necessary to replace the 1st cylinder and modify the hydraulic connection.

The code of the new cylinder is K2056033

ENTRY PERIOD IN PRODUCTION: **WEEK 10-2020**

CONCRETE WASHOUT SYSTEM (AWAYWASH)

TECH NEWS: 08/20

DATE: 20/02/2020

To improve the product options for the customer, the Concrete Washout System (AWAYWASH) designed for Truck-Mixers machines is available.

Thanks to this new option, after the concrete unloading phases, the operator can wash the main discharging chute using the containment unit.

This option allows the customer to have production benefits, a quantifiable return of aggregate & additive and avoid risks for improper or prohibited discharging in the jobsite area.

Very important are also the environmental benefits: reducing the environmental impact of pollutants, reduced water consumption.

This new option is in the price-list 2020 with sale code MIOPO128.

NEW SOLUTION



NOTES

The CIFA code of this option is K3003378

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**



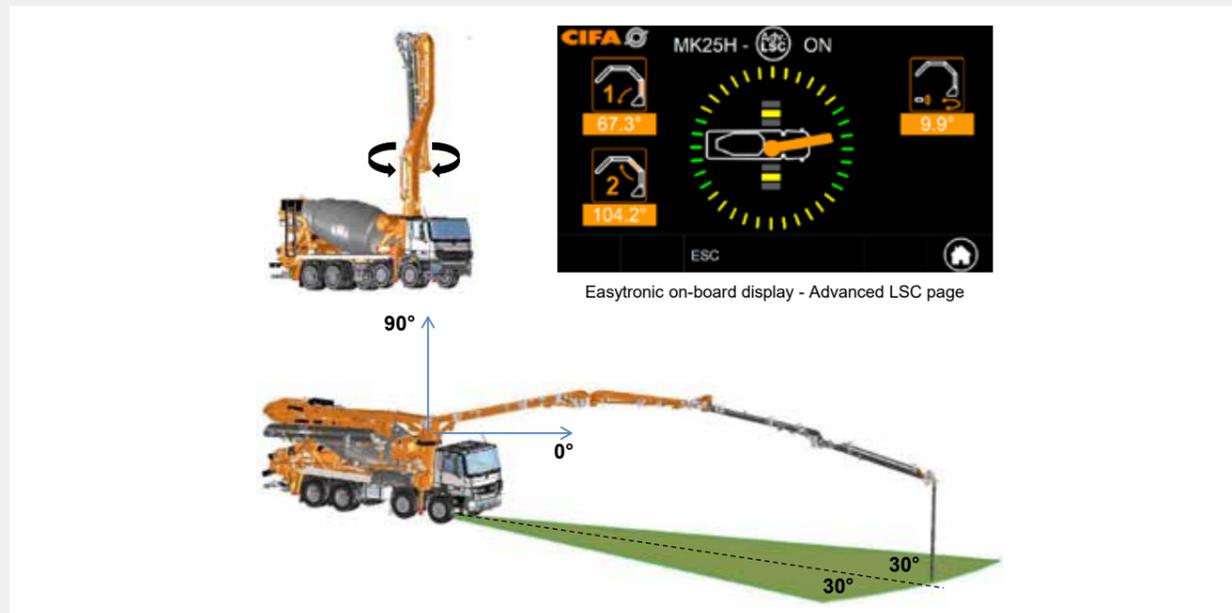
ADVANCED LSC STABILITY CONTROL SYSTEM

TECH NEWS: 09/20
DATE: 03/03/2020

BOOM MODEL	LIMIT ANGLE
MK24L / MK25H	0°
MK28L - 4"	30°
MK28L - 5"	76°
MK28H	50°
MK32L	60°

To improve truck-mixer pumps, the LSC Stability Control system has been upgraded to Advanced LSC. The Advanced function allows to use the boom in the front area ($\pm 30^\circ$) even with the outriggers partially open (at least 10%). To reach the front area the operator has to lift the boom, completely folded, up to 90° and then rotate it. When the boom is on the front area, the operator can extend the boom and lower the 1st section up to:

NEW SOLUTION



NOTES

This option is available on both truck-mixer pumps versions:

- Easytronic (open circuit)
- Smartronic (closed circuit)

The sale code of Advanced LSC is MIOP087.

CIFA code of this kit system is L3003249

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**

TMCP AND MK HIGH PRESSURE WATER PUMP

TECH NEWS: 10/20
DATE: 04/03/2020

To improve the parts that compose our truck mounted pumps and truck-mixers pumps, the high-pressure water-pump circuit has been updated. Previously, when the pump was protected by a thermostatic valve that has now been changed with a by-pass valve and a drainage hose that discharges the water flow instantaneously to the water box. The drain line is dedicated and without pressure. This improvement upgrades also the water pressure from 120 bar to 130 bar.

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

CIFA Codes:

Previous version: K000912927

New version: K3002179

Its possible upgrade the pump replacing the thermostatic valve with the by-pass valve, code K3002176.

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**



TMCP HEAT EXCHANGER

TECH NEWS: 11/20

DATE: 04/03/2020

To improve the performance of Truck pumps and to simplify the circuit layout, the heat exchanger has been upgraded. The new part is larger in terms of dimensions, from LxHxW 670mmx480mmx220 to 770mmx660mmx210mm, also the power in kW goes from 43 to 49, and the oil flow, from 120 l/min to 170 l/min. The gear pump has been upgraded as well, from 20 cc to 28 cc.

To simplify the hydraulic layout, integrated into the heat exchanger, now there are the thermostatic valves and sockets with different diameters, to connect directly the return flow hose. The hydraulic block to adjust the fan rpm is mounted installed directly on the oil pump. The new heat exchanger is mountable on all models of truck mounted pumps, but the upgrade needs to include the oil pump, the pipeline kit and the heat exchanger cover.

The new layout is available now on K42L-K45H-K47H-K53H-K61L-K63L-K67H.

PREVIOUS SOLUTION



MODEL	RPM	FAN (HP)	DISPLACEMENT (CU-IN)	OIL FLOW (GPM)
HPV30	2000	1.2	0.218	2.1
			0.513	4.9
	3000	3.9	0.372	5.4
			0.513	7.4

NEW SOLUTION



MODEL	RPM	FAN (HP)	DISPLACEMENT (CU-IN)	OIL FLOW (GPM)
HPV30	1500	0.93	0.218	1.6
			0.513	3.7
	2000	2.2	0.372	3.6
			0.513	4.9
	2500	4.3	0.58	7
			0.513	6.2

NOTES

The CIFA codes are:

Heat exchanger:

Previous solution: K000911925 New solution: K2048835

Gear pump:

Previous solution: 20cc K2035591 New solution: 28cc K2035591

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**

TMCP DIESEL FUEL TANK CAP

TECH NEWS: 12/20

DATE: 04/03/2020

To improve truck mounted pumps from K53H to K80H (except K63L and K67H) or as option on K42L, K45H and K47H, when the option for second diesel tank inside the rear outrigger is configured, there is a connection between the rear outrigger and the diesel tank of the truck. This solution allows to the operator to add 600 liters of fuel to the capacity of the truck.

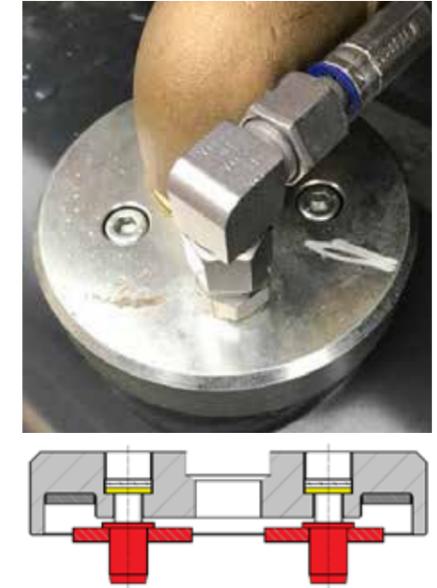
To improve the fuel tanks connection system and avoid any leakage, we redesigned the connection base as per attached diagrams.

PREVIOUS SOLUTION



Light gray: cap - Dark gray: rubber gasket 80 SH
Red: steel plate

NEW SOLUTION



Light gray: cap - Yellow: copper gasket
Dark gray: rubber gasket 50 SH - Red: steel plate

NOTES

The CIFA codes are:

Previous solution: L2036536. New solution: L2054925.

To change from previous to new solution is necessary replace all parts in the codes inside the L2036536 to L2054925.

ENTRY PERIOD IN PRODUCTION: **FEBRUARY-2020**



TMCP RUBBER END-HOSE WITH SHUT-OFF VALVE

TECH NEWS: 14/20
DATE: 04/03/2020

To improve the options on truck mounted pumps, when the shut-off valve is mounted on the rubber end hose, instead of a single end-hose with a 3-meter length, now one rubber end-hose of 1 meter with two collars, and one end-hose of 2,5 meters are supplied. In the previous version, during the operation the shut-off valve decreases the life of the 3 meters end-hose, and obliges the operator to change the full end-hose of 3 meters.

The new solution allows the operator to change only the shorter hose of 1 meter. The length of second one, is 2,5 and not 2 meters, to avoid any possible interference between the operator and the joint.

For safety reasons, the junction is covered by a sponge protection. The sale code is Price list: PAOP121.

PREVIOUS SOLUTION

NEW SOLUTION



NOTES

The CIFA code:
All Kit: L3004361.
Rubber end-hose 1 meter: S2015999. Rubber end-hose 1 meter: S3003543.
Cover of the joint: K3002026.

ENTRY PERIOD IN PRODUCTION: **MARCH-2020**

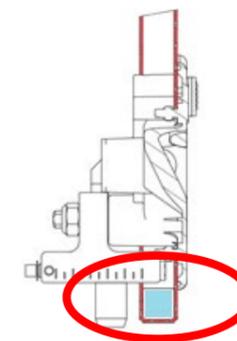
TMCP ALUMINUM LATERAL COVER

TECH NEWS: 15/20
DATE: 05/03/2020

The side panels when closed may allow water stagnation (in the image the part in light blue). To avoid deposits of water, new lateral covers provide some holes on the bottom side.

PREVIOUS SOLUTION

NEW SOLUTION



NOTES

The CIFA codes are:

- S2024369 K48-K55L-K60H
- S2037419 K35L-K36L-K37L-K38L-K40H
- S2037823 K42L-K45H-K47H
- S2038285 K31L
- S2045688 K24L
- S2054183 K61L-K63L-K67H
- S2034183 K53H

ENTRY PERIOD IN PRODUCTION: **MARCH-2020**

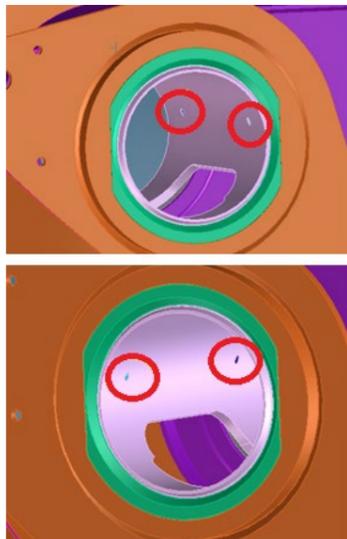


TMCP DIESEL FUEL TANK CAP

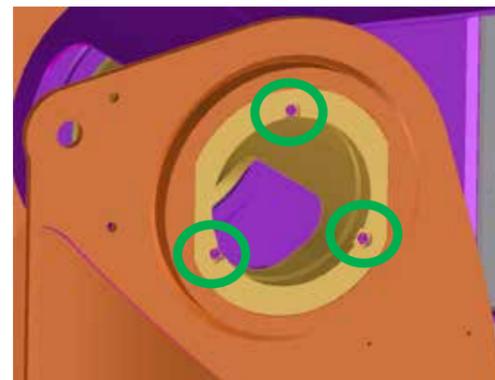
TECH NEWS: 16/20
DATE: 05/03/2020

In order to improve the K24L truck mounted pump and to ease maintenance, a new layout of the greasing points has been provided.
The new solution has been designed with the three external greasing points on the right side, this improvement makes it more practical and convenient to reach the greasing holes.

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

The CIFA code:
Previous version S1033597
New version S3003131
The new version is interchangeable with the previous version.

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**

TMCP BOOM FOLDING CONTROL KIT

TECH NEWS: 17/20
DATE: 05/03/2020

To improve the range, Carbotech Series machines will be equipped as standard with the boom folding control kit. This solution prevents any boom damage deriving from driving the pump after an incomplete folding process.
For RZ boom folding there are two mechanical switches between the last two arms. On Z folding boom, the sensor is only on the boom support on the base frame. The alarm system provides a buzzer and a led in the truck cab to warn the operator when the sections of the boom are not totally closed.
In the Steeltech Series this solution is available as option.
There are different solutions between closed and open loop circuits because the layout and standard features of the machines are different.

NEW SOLUTION

CARBOTEC HAND STEEL TECH WITH STABILITY CONTROL



Trasponder on support



Mechanical switch
3°- 4° Sections



Mechanical switch
4°- 5° Sections

STEELTECH RZ FOLDING WITHOUT STABILITY CONTROL



Mechanical switch
on support



Mechanical switch
3°- 4° Sections



Mechanical switch
4°- 5° Sections

STEELTECH Z FOLDING WITHOUT STABILITY CONTROL



Mechanical switch
on support

NOTES New solution CIFA code:

	MODEL	MECHANICAL KIT	ELECTRIC KIT 24V	ELECTRIC KIT 12V		MODEL	MECHANICAL KIT	ELECTRIC KIT 24V	ELECTRIC KIT 12V
With Stability Control ASC or LSC	K40	L2054966	L2020051	L3002152		K31L K35L	L3002420	L2021362	L3002375
	K45H K47H								
	K53H	L2054984							
	K60H	L2049502							
Without Stability Control	K36H K38L	L3002426				K42H	L2048592		L3002233

ENTRY PERIOD IN PRODUCTION: **JANUARY-2020**



TMCP PLASTIC WATER TANK 600 LITRES

TECH NEWS: 18/20
DATE: 05/03/2020

To improve the truck mounted pumps, from K36L to K47H, instead of using the rear outriggers as water or fuel tank (the outriggers fuel tanks are still an option for K42L-K45H-K47H), CIFA provides a new water plastic tank as standard layout.

The volume is 600 liters, and it is positioned in the rear part of the base frame, between the hopper and the boom support. The plastic is also diesel resistant.

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

The new solution is standard on K36L - K38L -K40H - K42L-K45H - K47H.
The CIFA code of the tank is: S2048596.

ENTRY PERIOD IN PRODUCTION: **APRIL-2020**

TM RUBBER END-HOSE WITH SHUT-OFF VALVE

TECH NEWS: 19/20
DATE: 10/03/2020

To improve the end hose shut-off valve option on truck-mixer pumps, the rubber end hose is modified from one rubber end-hose 3 or 4 meter length, 4" or 5", with only one collar to one rubber end-hose of 1 meter with two collars, and one end-hose of 2,5 meters. In the previous version, the shut-off valve may wear the end-hose obliging the operator to change the full-length end-hose.

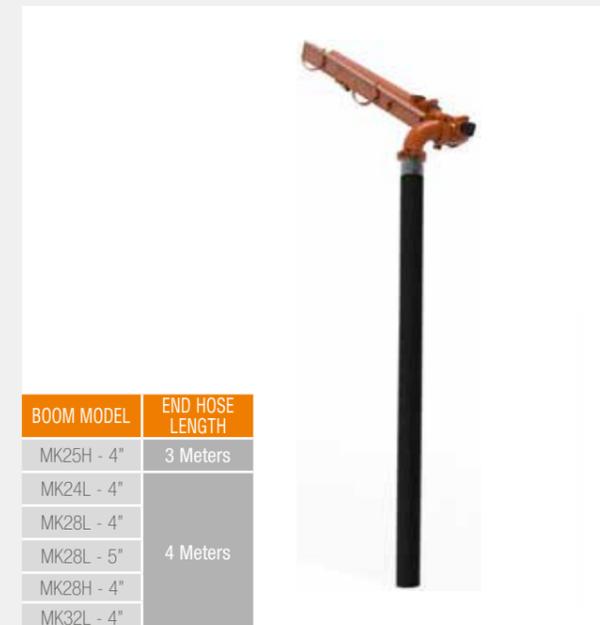
The new solution allows the operator to change only the end-hose section of 1 meter. The length of second one, is 2,5 and not 2 meters, to prevent any interference between the operator and the junction assembly.

For safety reasons, the junction assembly is covered by a sponge protection.

The sale code is Price list:

- MAOP081 - Ø 4" spitted end-hose 1m + 2,5m
- MAOP082 - Ø 5" spitted end-hose 1m + 2,5m

PREVIOUS SOLUTION



NEW SOLUTION



NOTES

The CIFA codes :

Complete kit Ø 4" : L3004679

Rubber end-hose 1 meter : S2042031

Rubber end-hose 2,5 meters : S3003542

Cover of the joint: K3002027

Complete kit Ø 5" : L3004361

Rubber end-hose 1 meter : S2015999

Rubber end-hose 2,5 meters : S3003543

Cover of the joint: K3002026

ENTRY PERIOD IN PRODUCTION: **MARCH-2020**



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