



UniMec

MIXING LINE

Professional tilting mixer, unassembled, ideal for small building yards and restructuring



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 2,00 mm thick can support without effort solicitations during continuous works.

UNIVERSAL CABIN IN COMPLIANCE WITH CE RULES

It consents to adapt the majority of electric motors and permit an easy reparation.

PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

DISASSEMBLED FRAME

It reduces the cost for the transport and it optimize the the storage.

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING

It is assured from 610 diameter steering wheels.



ELECTRIC BOX Current tap IP 67 against sprinkle of water



Technical features		FG5-150
Drum capacity	lt	150
Mix capacity	lt	110
Electric mono phase motor	HP(Kw)	0,50 (0,37)
Electric three phases motor	HP(Kw)	-
Diesel motor	HP(Kw)	-
Gasoline motor	HP(Kw)	-
Noise emission level	db(A)	<80
Overall dimensions LxLxH	cm	145x85x125
Machine weight	kg	80
Optional (see page 24)		-

FG4 It 200/250

Professional tilting mixer with rotations crown



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

Studied for having a bigger speed and homogeneous mixing

UNIVERSAL BIG CABIN IN COMPLIANCE WITH CE RULES

It consents to adapt the majority of electric motors and permit an easy reparation

MECHANISM COMPLETELY DISASSEMBLED

To make the reparations and substitutions easier even at a distance of years

ADJUSTABLE TRANSMISSION SYSTEM

Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced

TOWING BAR

It is fit up for the manual shift in the standard version

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING

It is assured from 610 diameter steering wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort.



PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

ELECTRIC BOX

- Mush-room-head push button
- Teleredactor fuse holder
- Current tap IP 55 against sprinkle of water



Technical features		FG4-200	FG4-250
Drum capacity	lt	192	252
Mix capacity	lt	135	200
Electric mono phase motor	HP(Kw)	0,75 (0,55)	1,00 (0,75)
Electric three phases motor	HP(Kw)	-	1,00 (0,75)
Diesel motor	HP(Kw)	-	-
Gasoline motor	HP(Kw)	-	-
Noise emission level	db(A)	<80	<80
Overall dimensions LxLxH	cm	170x85x140	175x85x145
Machine weight	kg	125	145
Optional (see page 24)		1	2-4-8

Professional tilting mixer with rotations crown



MOTOR TRANSMISSION WITH TWO-RACE PULLEY

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM
Studied for having a bigger speed and homogeneous mixing

UNIVERSAL BIG CABIN IN COMPLIANCE WITH CE RULES
It consents to adapt the majority of electric motors and permit an easy reparation

PROTECTION FOR GEARS
All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

MECHANISM DISASSEMBLED
To make the reparations and substitutions easier even at a distance of years

ADJUSTABLE TRANSMISSION SYSTEM
Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced

TOWING BAR
It is fit up for the manual shift in the standard version

SPECIAL WATER DRESSING
It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING
It is assured from 610 diam. steering wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort



DRUM IN PRESSED STEEL
The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

ELECTRIC BOX

- Mush-room-head push button
- Telereactor fuse holder
- Current tap IP 55 against sprinkle of water
- Protection fuse for the motor



Technical features		FG3-300	FG3X-320
Drum capacity	lt	312	352
Mix capacity	lt	255	280
Electric mono phase motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Electric three phases motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Diesel motor	HP(Kw)	-	-
Gasoline motor	HP(Kw)	-	-
Noise emission level	db(A)	<80	<80
Overall dimensions LxLxH	cm	195x100x150	195x100x150
Machine weight	kg	215	221
Optional (see page 24)		3-4-8	3-4-8

FG5 It 130

Light, stable, compact and easy to move.
Ideal for small work and odd jobs



DRUM IN PRESSED STEEL

The bottom of the drum of 1,50 mm thick can support without effort solicitations during continuous works.

360° ROTATION FRAME

The frame rotates through 360° for loading/unloading from any side.

CURRENT TAP IP 55

MOTOR PROTECTION COVER

STABLE AND EASY TO MOVE

The support foot and large diameter wheels facilitate the placement and the positioning of the machine in a every kind of surface.

EASY TO ASSEMBLE

It is furnished inside its box and after every use the mixer can be disassembled in its three components and put inside its box.



MOTOR REDUCTION

It is equipped with a thermic sound that check the motor temperature and provides to stop the motor when it is overhead.



GEAR BOX WITH STEEL GEARS IN AN OIL BATH



Technical features		FG5-130
Drum capacity	lt	130
Mix capacity	lt	80
Electric mono phase motor	HP(Kw)	0,50 (0,37)
Electric three phases motor	HP(Kw)	-
Diesel motor	HP(Kw)	-
Gasoline motor	HP(Kw)	-
Noise emission level	db(A)	<80
Overall dimensions LxLxH	cm	70x70x70
Machine weight	kg	55
Optional (see page 24)		-

FG3X It 320 - FG4X It 250



Silenced concrete mixer without crown with redactor gear



MORE SILENT AND OPERATOR SAFETY
New transmission system with redactor gear and poly v belt inserted in the mixer arm guarantee and high silent and safety. The particular belt does not need any regulation and it has a longer life than traditional belt

MORE STABILITY
The "z" frame guarantee a big stability because the support with the ground is bigger than with traditional machines.

DRUM IN PRESSED STEEL
The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MIXING SYSTEM WITH 3
Studied for having a bigger speed and homogeneous mixing.

SPECIAL WATER DRESSING
It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

ELECTRIC MOTOR WITH 6 POLES (FG3X)
The reduced revolution and the easy torque increase the power of the motor compared to commune 4 poles motors.

359° DISCHARGING
It is possible to discharge the concrete in both sides of the mixer . Thanks to the particular frame the discharging tank can be lift up directly also with crane or other lifting machine.

EASY TILTING OF THE DRUM
Thank to the reduction gear the tilting of the mixer can be done without effort. The steering wheel makes the tilting gradual and very controllable.

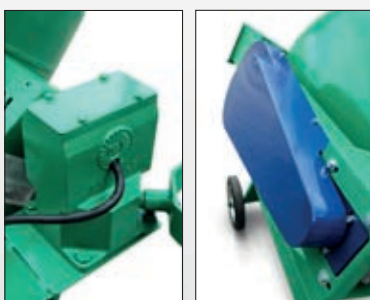
IDEAL FOR BUILDING YARD IN DOWNTOWN AND NEAR HOUSES



ELECTRIC BOX
- Mush-room-head push button
- Teleredactor fuse holder
- Protection fuse for the motor
- Current tap IP 55 against sprinkle of water.

TOWING BAR
It is fit up for the manual shift in the standard version

STEERING WHEEL INCLINATION
User is able to control the concrete even during the tilting of the drum



Technical features		FG4X-250	FG3X-320
Drum capacity	lt	252	312
Mix capacity	lt	200	255
Electric mono phase motor	HP(Kw)	0,75 (0,55)	1,00 (0,75)
Electric three phases motor	HP(Kw)	-	-
Diesel motor	HP(Kw)	-	-
Gasoline motor	HP(Kw)	-	-
Noise emission level	db(A)	<80	<80
Overall dimensions LxLxH	cm	120x80x156	130x90x156
Machine weight	kg	145	185
Optional (see page 24)		-	-

FG4SP It 180 / 250 - FG3SP It 300 / 350

Silenced Mixer without crown with chain transmission



IDEAL FOR BUILDING YARD IN DOWNTOWN AND NEAR HOUSES

ABSENCE OF THE CROWN

Reduce considerably the noise.

DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

Studied for having a bigger speed and homogeneous mixing.

UNIVERSAL BIG CABIN IN COMPLIANCE WITH CE RULES

It consents to adapt the majority of electric motors and permit an easy repairation.

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING

It is assured from 610 diameter steering wheels and from the fused height resistance gears reduction.

CHAIN TRANSMISSION



PROTEZIONE AGLI INGRANAGGI

La betoniera UNIMEC è costruita secondo la normativa CE avendo tutte le protezioni. La pedalina di ribaltamento è protetta dall'azionamento fortuito.

ELECTRIC BOX

- Mush-room-head push button
- Teleredactor fuse holder
- Current tap IP 55 against sprinkle of water



Technical features		FG4SP-180	FG4SP-250	FG3SP-300	FG3SP-350
Drum capacity	lt	192	252	312	352
Mix capacity	lt	135	200	255	280
Electric mono phase motor	HP(Kw)	0,75 (0,55)	1(0,75)	1,5 (1,1)	1,5 (1,1)
Electric three phases motor	HP(Kw)	-	1 (0,75)	1,5 (1,1)	1,5 (1,1)
Diesel motor	HP(Kw)	-	-	-	-
Gasoline motor	HP(Kw)	-	-	-	-
Noise emission level	db(A)	<70	<70	<70	<70
Overall dimensions LxLxH	cm	155x89x145	159x89x145	170x93x146	170x93x146
Machine weight	kg	140	160	204	214
Optional (see page 24)		1	2	3	3

Silenced concrete mixer without crown with redactor gear - Towing version



MORE SILENT AND OPERATOR SAFETY
New transmission system with redactor gear and poly v belt inserted in the mixer arm guarantee and high silent and safety. The particular belt does not need any regulation and it has a longer life than traditional belt.

MORE STABILITY
The "z" frame guarantee a big stability because the support with the ground is bigger than with traditional machines.

STEERING WHEEL INCLINATION
User is able to control the concrete even during the tilting of the drum.

DRUM IN PRESSED STEEL
The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MIXING SYSTEM WITH 3 BLADES
Studied for having a bigger speed and homogeneous mixing.

SPECIAL WATER DRESSING
It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

TOWING BAR
It is fit up for the manual shift in the standard version.

ELECTRIC MOTOR WITH 6 POLES
The reduced revolution and the easy torque increase the power of the motor compared to commune 4 poles motors.

359° DISCHARGING
It is possible to discharge the concrete in both sides of the mixer . Thanks to the particular frame the discharging tank can be lift up directly also with crane or other lifting machine.

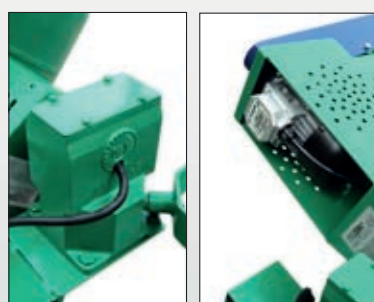
ELECTRIC BOX

- Mush-room-head push button
- Teleredactor fuse holder
- Protection fuse for the motor
- Current tap IP 55 against sprinkle of water

EASY TILTING OF THE DRUM
Thank to the reduction gear the tilting of the mixer can be done without effort. The steering wheel makes the tilting gradual and very controllable.



IDEAL FOR BUILDING YARD IN DOWNTOWN AND NEAR HOUSES



Technical features		FG3XA-320
Drum capacity	lt	312
Mix capacity	lt	255
Electric mono phase motor	HP(Kw)	1,5 (1,1)
Electric three phases motor	HP(Kw)	-
Diesel motor	HP(Kw)	-
Gasoline motor	HP(Kw)	-
Noise emission level	db(A)	<80
Overall dimensions LxLxH	cm	130x90x156
Machine weight	kg	184
Optional (see page 24)		7

FG4A It 200/250 - FG3A It 300/350

Towing mixer



DRUM IN PRESSED STEEL

ELECTRIC BOX

- Mush-room-head push button
- Teleredactor fuse holder
- Current tap IP 55 against sprinkle of water
- Protection fuse for the motor

MOTOR TRANSMISSION WITH TWO-RACE PULLEY (FG3A VERSION)

PROTECTION FOR GEARS

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

MECHANISM COMPLETELY DISASSEMBLED

To make the reparations and substitutions easier even at a distance of years

ADJUSTABLE TRANSMISSION SYSTEM

Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced.

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING



VERTICAL OPEN CABIN ON DEMAND
For Diesel and Gasoline engine.

UNIVERSAL BIG CABIN IN COMPLIANCE WITH CE RULES
It consents to adapt the majority of electric motors and permit an easy reparation.



AXEL WITH SUSPENSION WITH RUBBER JOINT

WHEEL WITH HUB
Fit up with the standard version (not available for It 200).



Technical features		FG4A-200	FG4A-250	FG3A-300	FG3A-350
Drum capacity	lt	192	252	312	352
Mix capacity	lt	135	200	255	280
Electric mono phase motor	HP(Kw)	0,75 (0,55)	1 (0,75)	-	1,5 (1,1)
Electric three phases motor	HP(Kw)	-	1 (0,75)	1,5 (1,1)	1,5 (1,1)
Diesel motor	HP(Kw)	-	-	-	-
Gasoline motor	HP(Kw)	5 (3,7)	5 (3,7)	5 (3,7)	5 (3,7)
Noise emission level	db(A)	<80	<80	<80	<80
Overall dimensions LxLxH	cm	190x93x140	190x93x150	195x97x170	195x97x170
Machine weight	kg	130	150	230	236
Optional (see page 24)		1	2-4-7-8	3-4-7-8	3-4-7-8

FG3T It 350 - FG3TS It 350



Professional tilting mixer with rotations crown and reinforced cabin



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MOTOR TRANSMISSION WITH TWO-RACE PULLEY

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

MECHANISM COMPLETELY DISASSEMBLED

To make the reparations and substitutions easier even at a distance of years.

TOWING BAR

It is fit up for the manual shift in the standard version.

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

EASY TILTING

It is assured from 610 diameter stee-ring wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort.

BIG CABIN WITH HORIZONTAL OPENING

Consent to be adapted at the majority of diesel and gasoline motor and permit an easy reparation of the motor.



ADJUSTABLE TRANSMISSION SYSTEM
Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced.

IN FG3TS VERSION IT IS EQUIPPED WITH STERING AXEL AND 4 SOLID WHEELS



Technical features		FG3T-350	FG3TS-350
Drum capacity	lt	352	352
Mix capacity	lt	280	280
Electric mono phase motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Electric three phases motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Diesel motor	HP(Kw)	5,0 (3,7)	5,0 (3,7)
Gasoline motor	HP(Kw)	6,0 (4,5)	6,0 (4,5)
Noise emission level	db(A)	<80	<80
Overall dimensions LxLxH	cm	195x100x150	195x100x150
Machine weight	kg	215	220
Optional (see page 24)		3-4-8	3-4-8

FG3TP It 350 - FG3TPS It 350

Professional tilting mixer with rotations crown and reinforced cabin and pneumatic wheels



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MOTOR TRANSMISSION WITH TWO-RACE PULLEY

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM, studied for having a bigger speed and homogeneous mixing.

PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

MECHANISM COMPLETELY DISASSEMBLED

SPECIAL WATER DRESSING

ADJUSTABLE TRANSMISSION SYSTEM Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced.

EASY TILTING

It is assured from 610 diameter stee-ring wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort.

BIG CABIN WITH HORIZONTAL OPENING

Consent to be adapted at the majority of diesel and gasoline motor and permit an easy reparation of the motor.



TOWING BAR

It is fit up for the manual shift in the standard version.

WHEELS WITH BALL-BARING WITH ROLLER

Indicated for high speed

IN FG3TPS VERSION IT IS EQUIPPED WITH STERING AXEL AND 4 SOLID WHEELS

SCALE DOWN WHEELS Guarantee to the machine to turn also in tightened space.



Technical features		FG3TP-350	FG3TPS-350
Drum capacity	lt	352	352
Mix capacity	lt	280	280
Electric mono phase motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Electric three phases motor	HP(Kw)	1,5 (1,1)	1,5 (1,1)
Diesel motor	HP(Kw)	5,0 (3,7)	5,0 (3,7)
Gasoline motor	HP(Kw)	6,0 (4,5)	6,0 (4,5)
Noise emission level	db(A)	<80	<80
Overall dimensions LxLxH	cm	195x100x150	195x100x150
Machine weight	kg	215	220
Optional (see page 24)		3-4-8	3-4-8

Professional tilting mixer with rotations crown and big reinforced cabin and 2 pneumatic wheels



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

MECHANISM COMPLETELY DISASSEMBLED

To make the reparations and substitutions easier even at a distance of years.

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

MOTOR TRANSMISSION WITH TWO-RACE PULLEY

PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

EASY TILTING

It is assured from 610 diameter steel-ring wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort.

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

TOWING BAR

It is fit up for the manual shift in the standard version.

BIG CABIN WITH HORIZONTAL OPENING

Consent to be adapted at the majority of diesel and gasoline motor and permit an easy reparation of the motor.



ADJUSTABLE TRANSMISSION SYSTEM

Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced

WHELLS WITH BUS

Fit up with the standard version



Technical features		FG3V-360
Drum capacity	lt	360
Mix capacity	lt	310
Electric mono phase motor	HP(Kw)	1,5 (1,1)
Electric three phases motor	HP(Kw)	1,5 (1,1)
Diesel motor	HP(Kw)	5,0 (3,7)
Gasoline motor	HP(Kw)	6,0 (4,5)
Noise emission level	db(A)	<80
Overall dimensions LxLxH	cm	210x110x160
Machine weight	kg	260
Optional (see page 24)		3-4

FG3VS It 360

Professional tilting mixer with rotations crown and big reinforced cabin and 4 pneumatic wheels



DRUM IN PRESSED STEEL

The absence of welding angle makes the cleaning after the use easy. The bottom of the drum of 3,00 mm thick can support without effort solicitations during continuous works.

AXEL WITH STEERING WHEELS

MECHANISM COMPLETELY DISASSEMBLED

To make the reparations and substitutions easier even at a distance of years

MIXING SYSTEM WITH 3 BLADES AND COUNTER BOTTOM

Studied for having a bigger speed and homogeneous mixing

MOTOR TRANSMISSION WITH TWO-RACE PULLEY

PROTECTION FOR GEARS

All UNIMEC mixers are realized according CE rules and equipped with all protections for the crown, the tilting-crown and the steering wheel. The tilting-control pedal is protected from the accidental operation.

EASY TILTING

It is assured from 610 diameter steering wheels and from the fused height resistance gears reduction. The tilting system with iron support and big dimensions tilting crown reduce at minimum the user effort.

FRONTAL WHEELS WITH BALL-BARING WITHROLLER

Indicated for high speed.

BIG CABIN WITH HORIZONTAL OPENING

Consent to be adapted at the majority of diesel and gasoline motor and permit an easy reparation of the motor.



SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

SCALE DOWN FORNTAL WHEELS

Guarantee to the machine to turn also in tightened space.

ADJUSTABLE TRANSMISSION SYSTEM

Composed by a fused pinion at 180 Brinnell resistances. Crown teeth positioned in the inferior part make the mixer extremely silenced

WHELLS WITH BUS

Fit up with the standard version.



Technical features		FG3VS-360
Drum capacity	lt	360
Mix capacity	lt	310
Electric mono phase motor	HP(Kw)	1,5 (1,1)
Electric three phases motor	HP(Kw)	1,5 (1,1)
Diesel motor	HP(Kw)	5,0 (3,7)
Gasoline motor	HP(Kw)	6,0 (4,5)
Noise emission level	db(A)	<80
Overall dimensions LxLxH	cm	210x110x160
Machine weight	kg	265
Optional (see page 24)		3-4

Hydraulic mixer with tilting drum



CE VERSION

- ELECTRIC PANEL BOX WITH MUSH-ROOM-HEAD PUSH BUTTON
- ANTI-REVERSAL VALVE FOR THE HOPPER
- SAFETY SYSTEM FOR HYDRAULIC CONTROLS
- SIDE PROTECTION NET

MACHINE CHARACTERISTICS

- HYDRAULIC TILTING DRUM
- PROTECTION FOR ROTATION CROWN
- HOPPER LOADING WITH SCRAPING SHOVEL (CP VERSION)
- PNEUMATIC WHEEL WITH HUB
- WATER TANK WITH LEVEL INDICATOR
- SEPARATE LOADING OF WATER AND AGGREGATES

OPTIONAL

- ADJUSTABLE HEIGHT LEGS WATER METER

ELECTRIC PANEL BOX (ELECTRIC VERSION)

CE VERSION EXPORT VERSION



LOMBARDINI DIESEL ENGINE

With electric starter on demand



HOPPER COMMAND LEVER

CE VERSION EXPORT VERSION



SPECIAL WATER DRESSING

It respects rules in force and it consents to the mixer to maintain its color at a distance of years.

Technical features		FG2C-350	FG2C-500
Drum capacity	lt	350	500
Mix capacity	lt	300	400
Water tank capacity	lt	80	80
Concrete hour production	m ³	4-6	5-8
Machine weight	lt	584	650
Motor rating Electric motor	Hp(Kw)	3,0 (2,25)	3,0 (2,25)
Motor rating Diesel Motor	m ³	6,0 (4,50)	7,5 (5,50)
Dimensions with raised hopper	cm	190x180x280	190x180x310
SCRAPING SHOVEL			
Motor rating E.M	Hp(Kw)	2,5 (1,85)	2,5 (1,85)
Traction speed	kg	257	257
Traction capacity	m/sec	0,72	0,72
Steel cable/Electric cable	mt	12/12	12/12
Optional (see p. 24)			

FG2 It 350-500-7502R Motore elettrico / diesel

Hydraulic mixer with reversing horizontal drum. Ideal for big building yard



ELECTRIC
VERSION
IMAGE

REVERSING SYSTEM

The particular inside blades geometry positioned in opposite double helical permit to make the drum turn in mixing side or in discharging side allowing the complete discharge of the concrete.

AVAILABLE IN DIESEL AND ELECTRIC VERSION

HOPPER LOADING WITH CRAPING SHOVEL

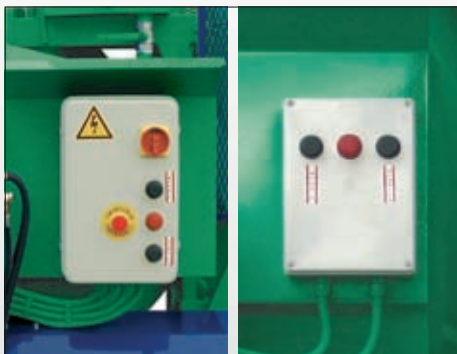
Furnished on demand with the electric version guarantee an high concrete production.

CE VERSION

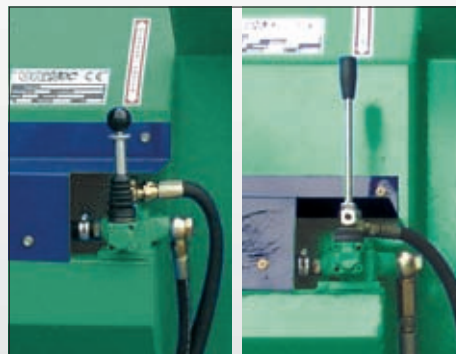
- Electric panel box with mushroom-head push button
- Anti-reversal valve for the hopper
- Safety system for hydraulic controls
- Side protection net!

MINIMUM NOIS EMISSION LEVEL

ELECTRIC PANEL BOX (ELECTRIC VERSION) CE VERSION EXPORT VERSION



HOPPER COMMAND LEVER CE VERSION EXPORT VERSION



HOPPER PISTON CE VERSION EXPORT VERSION





PROTECTION CARTER FOR ALL GEARS

SPECIAL WATER DRESSING

It respects rules in force and it consents to the mixer to maintain its color at a distance of years.

SEPARATE LOADING OF WATER AND AGGREGATES

Guarantee a better quality of the aggregate.

ERGONOMIC COMMAND IN THE CONTROL PANEL

It facilitates the use of the operator.

WATER TANK WITH LEVEL INDICATOR

Furnished with all version.

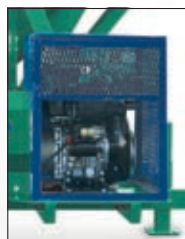
WATER METER

It is furnished on demand in both version.

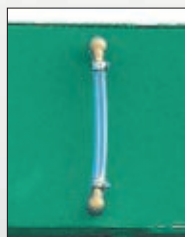


PARTICULAR OF LOMBARDINI DIESEL ENGINE

Furnished with electric starter on demand.



WATER TANK WITH LEVEL INDICATOR PNEUMATIC WHEEL WITH HUB



DIESEL VERSION IMAGE



ADJUSTABLE HEIGHT LEGS

It allows to balance perfectly the machine to the ground.

BIG HOPPER

It facilitates the loading of materials in the drum.

Technical features		FG2-350	FG2-500	FG2-750 2R
Drum capacity	lt	350	500	750
Mix capacity	lt	250	320	460
Water tank capacity	lt	80	80	80
Concrete hour production	m ³	6'8	8'10	14'16
Machine weight	lt	676	782	1250
Motor rating Electric motor	Hp(Kw)	4,0 (3,00)	5,5 (4,10)	7,5 (5,60)
Motor rating Diesel Motor	m ³	10,0 (7,50)	10,0 (7,50)	10,0 (7,50)
Dimensions with raised hopper	cm	250x180x280	265x200x280	300x200x300
SCRAPING SHOVEL				
Motor rating E.M	Hp(Kw)	2,5 (1,85)	2,5 (1,85)	2,5 (1,85)
Traction speed	kg	257	257	257
Traction capacity	m/sec	0,72	0,72	0,72
Steel cable/Electric cable	mt	12/ 12	12/ 12	12/ 12
Optional (see p. 24)		5-9-11	5-9-10-11-12	5-9-10-11-12

FG2 It 750-1000-1250-1500 Elettrico

Hydraulic mixer with reversing horizontal drum. Ideal for big building yard



REVERSING SYSTEM

The particular inside blades geometry positioned in opposite double helical permit to make the drum turn in mixing side or in discharging side allowing the complete discharge of the concrete.

AVAILABLE IN DIESEL AND ELECTRIC VERSION

HOPPER LOADING WITH CRAPING SHOVEL

Furnished on demand with the electric version guarantee an high concrete production.

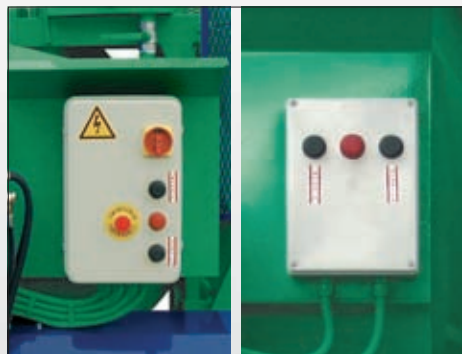
CE VERSION

- Electric panel box with mush-room-head push button
- Anti-reversal valve for the hopper
- Safety system for hydraulic controls
- Side protection netl

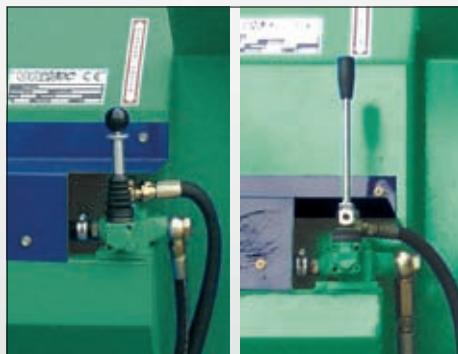
MINIMUM NOIS EMISSION LEVEL



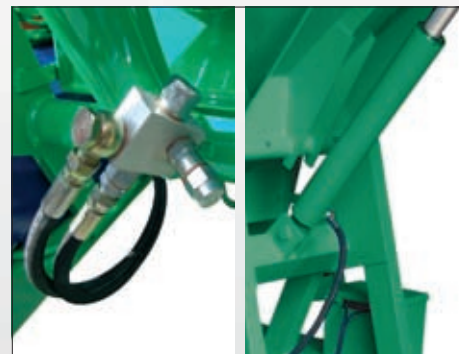
ELECTRIC PANEL BOX (ELECTRIC VERSION)
CE VERSION EXPORT VERSION



HOPPER COMMAND LEVER
CE VERSION EXPORT VERSION



HOPPER PISTON
CE VERSION EXPORT VERSION



FG2 It 750-1000-1250-1500 Diesel

UNIMEC

Hydraulic mixer with reversing horizontal drum. Ideal for big building yard



PROTECTION CARTER FOR ALL GEARS

SPECIAL WATER DRESSING

It respects rules in force et it consents to the mixer to maintain its color at a distance of years.

SEPARATE LOADING OF WATER AND AGGREGATES

Guarantee a better quality of the aggregate.

ERGONOMIC COMMAND IN THE CONTROL PANEL

It facilitates the use of the operator.

WATER TANK WITH LEVEL INDICATOR

Furnished with all version.

SPECIAL WATER DRESSING

It respects rules in force et it consents to the mixer to maintain its color at a distance of years.

WATER METER

It is furnished on demand in both version.



LOMBARDINI DIESEL ENGINE

Furnished with electric starter on demand.

ADJUSTABLE HEIGH LEGS

It allows to balance perfectly the machine to the ground.

BIG HOPPER

It facilitates the loading of materials in the drum.

Technical features		FG2-75	FG2-1000	FG2-1250	FG2-1500
Drum capacity	lt	750	1000	1250	1500
Mix capacity	lt	550	600	800	1000
Water tank capacity	lt	80	80	80	-
Concrete hour production	m ³	17	18	24	29
Machine weight	lt	1250	1260	1360	1380
Motor rating Electric motor	Hp(Kw)	7,50 (5,60)	10,0 (7,50)	12,50 (9,00)	15,00 (11,25)
Motor rating Diesel Motor	m ³	15,0 (10,50)	23,0 (17,25)	25,50 (19,00)	30,00 (22,50)
Dimensions with raised hopper	cm	300x210x300	315x210x300	320x210x300	360x210x340
SCRAPING SHOVEL					
Motor rating E.M	Hp(Kw)	1,85	1,85	1,85	1,85
Traction speed	kg	4,6	4,6	4,6	4,6
Traction capacity	m/sec	0,72	0,72	0,72	0,72
Steel cable/Electric cable	mt	12	12	12	12
Optional (see p. 24)		12	12	12	12

FG1340MM / FG1360MM

Agitator single and double tool. Ideal to mix mortar, plaster, stucco, paintings and glue.



START WITH SAFETY BUTTON

The button avoids the accidental start of the tool.



DOUBLE SPEED AND ADJUSTABLE REVOLUTION NUMBERS

The step less speed charge gear from 0 to 6 allows the correct rapport between the paddle diameter and the density of the material to be mixed. It allows obtaining a homogeneous mix and a total absence of clots in reduced times.

SPECIAL DOUBLE SPEED

ELEVATE MIXING TORQUE



ERGONOMIC HANDGRIP
IN STEEL WITH PLASTIC COVERING

LOWER PART IN DIE-CASTING
ALUMINIUM, WITH ONE INTER-
CHANGEABLE TOOL



Technical features		FG1340MM	FG1360MM
Mixing capacity	lt	40-90	40-100
Machine weight	kg	16	18
Single fase engine	w	1650	1700
Frequence	Hz	50/60	50/60
Speed 1	rpm/min	0-450	0-400
Speed 2	rpm/min	0-600	0-560
Tool connection	-	M14	quick connection
Tool diameter	mm	140	130
Length	mm	460	680
Depth	mm	390	390
Height	mm	550	550

FG156MM



Professional mix, ideal for small building yard and restructuring



IT ALLOWS TO MIX WITHOUT THE SUPPORT OF THE OPERATOR
It doesn't transmit harmful vibrations for health.

TROLLEY FOR THE TRANSPORT OF THE DRUM
It allows to handle the mixed material to the working area. To turn over the drum it is not necessary to remove it from the trolley.



SAFETY ELECTRIC DEVICE
Thanks to a limit stop, the rotation of the tools is blocked by lifting the mixing assembly.

STEERING HANDLE Supplied in outfit.

EXTREMELY SILENCED
The geared motor in oil bath allows a noise level of only 65 dB(A).



MAGNETOTHERMIC SWITCH WITH LOW-VOLTAGE COIL IP55 AND PLUG IP67

DRUM LT. 60
It is realized in shock resistant plastic that, also during transport, it grants rigidity and resistance to the materials.



Technical features		FG156MM
Drum capacity	lt	56
Mix capacity	lt	47
Drum diameter	mm	580
Paddle rotations no.	rpm	55
Machine weight	kg	39
Weight with packing	kg	45
Wheel dimensions	mm	100x20
Single phase enging	Kw	0.55
Electrical input	A	5
Operator position Lp Db	A	65
Dimensions L/W/H	mm	1040 / 795 / 580
Packing dimensions L/W/H	mm	620 / 455 / 585

FG15 100-150

Compact and easy to handle, it is an ideal mix for limited working areas



TROLLEY FOR THE DRUM HANDLING
Helpful for the operations of discharge and movement of the material.

GEARED MOTOR IN OIL BATH
It grants an extreme silence.

MAGNETOTHERMIC SWITCH WITH LOW-VOLTAGE COIL IP55 AND PLUG IP67



EXTENSIBLE LEGS
They allow the regulation to of the loading height (max/min 650/430 mm).

PLANETARY MIXING SYSTEM WITH FORCED SPEED
It allows a homogeneous mix in reduced times (mix 60 lt of mortar in about 40" with FG1515MM).



SAFETY ELECTRIC DEVICE
Thanks to a limit stop, the rotation of the tools is blocked by lifting protection net (FG1510MM-FG1515MM).

IT ALLOWS TO MIX WITHOUT THE SUPPORT OF THE OPERATOR
It doesn't transmit harmful vibrations for health.

Technical features		FG15 100	FG15 150
Drum capacity	lt	100	150
Mix capacity	lt	60	80
Drum diameter	mm	700	705
Paddle rotations no.	rpm	32	32
Machine weight	kg	96	110
Single phase enging	Kw	0,6	0,75
Electrical input	A	6	7
Operator position Lp Db	A	68	68
Length	mm	925	880
Depth	mm	980	880
Height	mm	1520	1000

Professional mix planned for premixed concrete in sacks or silos



SAFETY ELECTRIC DEVICE
Thanks to a limit stop, the rotation of the tools is blocked by lifting protection net.

MUSH ROOM HEAD COVER OVER THE ROTATING AXLE TO DISTRIBUTE UNIFORMLY THE MATERIAL

IT ALLOWS TO MIX AUTONOMOUSLY WITHOUT THE SUPPORT OF THE OPERATOR
It doesn't transmit harmful vibrations for health.

GEARED MOTOR IN OIL BATH
It grants extremely silence.

PNEUMATIC WHEELS AND REGULATING LEGS
They facilitate the handling and the comfort in use.

GRATE WITH SACK-BRAKE BLADE
It facilitates the charging operations of the material allowing a wide view, protecting from accidental contacts.

PLANETARY MIXING SYSTEM WITH FORCED SPEED
It allows a homogeneous mix in reduced times and an excellent discharge speed.

EXTENSIBLE LEGS
They allow the regulation of the loading height.

MAGNETOTHERMIC SWITCH WITH LOW-VOLTAGE COIL IP55 AND PLUG IP67

TOOLS WITH RUBBER INSERTS FOR A GOOD CLEANING OF THE DRUM



Technical features		FG1536MT
Drum capacity	lt	360
Mix capacity	lt	200
Drum diameter	mm	952
Paddle rotations no.	rpm	36/36*
Machine weight	kg	357/360*
Triphase / Gasoline engine	Kw	3/8.1*
Discharge height max-min	mm	745/445*
Length	mm	1080
Depth	mm	1680
Height	mm	1155
* Electric engine / gasoline engine		

FG8M 140-150

Edge runner mill with belt and pulley



COMPLETELY BUILT ACCORDING
SECURITY CE LAW

ELECTRIC BOX

- Mush-room-head push button
- Teleredactor fuse holder
- Protection fuse for the motor
- Current tap IP 55 against sprinkle of water

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

SUPERPOSING

To facilitate transport and storage.



TRANSMISSION SYSTEM

With 3 race pulley and fused crown at 180 Brinnell resistances.



Technical features		FG8M-140	FG8M-150
Overall dimensions:			
Length without towing bar	mm	1660	1710
Length with towing bar	mm	815	815
Width	mm	1680	1680
Height	mm	1530	1550
Weight	kg	504	510
Mixing tank diameter	mm	1400	1500
Filling Height concrete	mm	240	260
Mix capacity	mm	250	280
Mills diameters	mm	580	380
Mills width	mm	200	200
Mills rpm	giri/min	24	24

Edge runner mill with belt and pulley



**COMPLETELY BUILT ACCORDING
SECURITY CE LAW**

ELECTRIC BOX

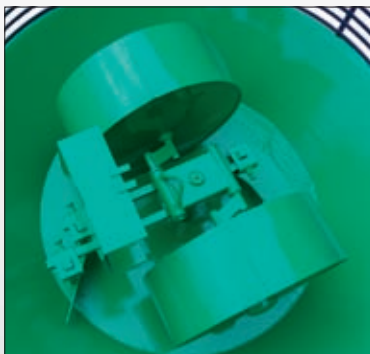
- Mush-room-head push button
- Teleredactor fuse holder
- Protection fuse for the motor
- Current tap IP 55 against sprinkle of water

SPECIAL WATER DRESSING

It respect rules in force et it consents to the mixer to maintain its color at a distance of years.

TRANSMISSION SYSTEM

With 3 race pulley and fused crown at 180 Brinnell resistance.















Technical features		FG8M-160	FG8M-180
Overall dimensions:			
Length without towing bar	mm	2000	2100
Length with towing bar	mm	900	900
Width	mm	1620	1820
Height	mm	1520	1520
Weight	kg	640	678
Mixing tank diameter	mm	1600	1800
Filling Height concrete	mm	280	280
Mix capacity	mm	320	370
Mills diameters	mm	650	650
Mills width	mm	250	250
Mills rpm	giri/min	24	24



STANDARD EQUIPMENTS

-  Transmission system with belt and redactor gear
-  Adjustable height legs
-  Electric motor protection
-  Low noise
-  Mixing system with three blades
-  Superimposing for storage
-  Transmission system with chain
-  Pneumatic wheels

OPTIONAL

- | | | | |
|---|-----------------------------------|--|--|
|  1 | Electric motor HP 1,00 |  7 | Axel with suspensions |
|  2 | Electric motor HP 1,50 |  8 | Motor cabin with vertical opening |
|  3 | Electric motor HP 2,00 |  9 | CE conformity |
|  4 | Gasoline or Diesel engine |  10 | Axel with steering wheels |
|  5 | Electric starter for diesel motor |  11 | Liter counter |
|  6 | Pneumatic wheels with hub |  12 | Adjustable height legs with manual level |

All Unimec machines are produced according safety regulations and are provided with instruction manual and CE conformity declarations

The logo for UNIMEC, featuring the word "UNIMEC" in a stylized, lowercase font. The "U" and "M" are larger and more prominent, with the "I" and "E" being smaller. The "C" is a simple curve. The logo is white and set against a dark blue background.

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