

POWER TROWELS LEVEL DUPLEX



FASTVERDINI

Quality and technology
in 60 countries worldwide

LEVEL 60

LEVEL 60 GASOLINE

OUR POWER TROWELS ARE RENOWNED FOR THEIR TIME-SAVING QUALITIES THANKS TO THE HIGH PRECISION DIGITAL FINISHING OF THEIR MECHANICAL PARTS.

CONCRETE POWER TROWEL

MANOEUVRABILITY AND USE

Power trowels can be easily driven by pushing and lifting the handgrip.

The start of floating is chosen according to the consistence or hardness of the concrete and to the room temperature. A simple guide to check conditions is when the operator foot does not sink into the surface; experience will teach to choose the best grade of concrete hardness.

GENERAL FEATURES

Folding handle adjustable to fit operator height (and for easy handling and storage).

Lifting hook for easy transport and engine protection.

DATA - LEVEL 60 GASOLINE

Gasoline engine, four strokes HP 4.

Automatic stop device.

LEVEL 60 - CHARACTERISTICS FOR PETROL AND ELECTRIC ENGINE

Complete with four finishing blades and steel disk, the latter being specially produced to ensure durability and excellent surface finish. Equipped with centrifugal clutch for easy start.

Blade Protection: the disk protrudes from the circular grid in order to perform floating near the corners. Zinc plated grid. Disks are used for roughing and blades for finishing and mirror finishing.

LEVEL 60 GASOLINE
with Honda engine



**TECHNICAL FEATURES FOR LEVEL 60
ELECTRIC AND GASOLINE**

Rotor with blades diameter	mm 570
Circular grid diameter	mm 600
Steel disk diameter	mm 635
Length	mm 1.300
Width	mm 636
Height	mm 850/640
Blade dimensions	mm 100x220
Machine weight	Kg 53,5
Disc weight	Kg 6,5
Blade weight (1 blade)	Kg 0,36

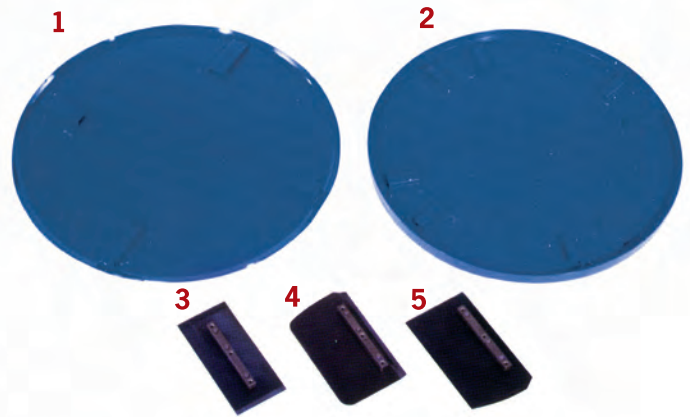
**LEVEL
60/E
ELECTRIC**

LEVEL 60/E ELECTRIC

2 HP single phase motor,
230 Volts 50 Hz with double safety insulation.

Low tension switch
with automatic stop device.

**Blade and steel pan for Level 60 and 63 electric
and gasoline**



- 1 Slanted-edged steel pan, for normal trowelling
- 2 90°-edged steel pan, for wall edges
- 3 Finishing blade
- 4 3 mm thick combi blade
- 5 Rounded-edge blade for wall edges



24 Volts transformer
and solenoid starter

**Disk with large brushes of
63 cms diam.**

for cleaning floors it can be quickly
interchanged with the steel blades.

Brush made up of 5 wire brushes.
Scrubbing disk supplied with five steel
brushes with planet-like rotation



Nylon Scrubbing Disk



LEVEL 63

LEVEL 75

LEVEL 63

With rotating protective rim for float finishing the sharp edges on floors, this machine has been constructed specifically for working around corners, as well as for normal float finishing. It is equipped with:

- > A rotating rim in light alloy and rubber strip, which can run along walls without damaging them.
- > An edged steel disc specially built for float finishing around corners.

Dimensions are the same as Level 60 and it can also be fitted with the disc with rounded edges from the Level 60 for float finishing flat surfaces and is equipped with the same finishing blades.

It is available with either a 4HP petrol engine or with a single-phase 2HP 230 volts motor.

Technical specifications LEVEL 63

Circle diameter 610 mm.
Length 1.300 mm.
Width 670 mm.
Height 850/640 mm.
Weight 54 Kg.
Collapsible and adjustable control arm
With 4 HP petrol engine
With single-phase 2HP 230 volt motor
The machine may be equipped with the large nylon brush or the disc with 5 steel brushes

Technical specifications LEVEL 75

Level 75 with rotating rim for edges float finishing
Honda Explosion 4 HP Engine
Equipped with 4 finishing blades and steel disk
Length 1300 mm
Width 770 mm
Height 850/640 mm
Circle diameter 750 mm

LEVEL 75

LEVEL 63



LEVEL 70/S

For cement and sand, with fix steel disc and petrol Honda engine HP 4 or HP 5,5

LEVEL 100 ELECTRIC

LEVEL 100 with three-phase motor: two speeds of rotation, double safety insulation, low tension switch 24 V with automatic stop device.

In all Level 100 the disc protrudes from the protective safety circle in order to be able to work near the edge, but only the level 63 can finish it fully.

LEVEL 102 PROFESSIONAL

The Level 102 (instead of level 100) is also available for industrial concrete levellers as it has the same blades as Duplex. The Level 102 has a \varnothing 95 cm, other characteristics are the same.



LEVEL
100
ELECTRIC

LEVEL
70/S



LEVEL 100

PROFESSIONAL

- > Four blades - each separately adjustable for perfect stability and surface levelling.
- > Belt-adjuster.
- > Zincked circular safety grid
- > Folding handle adjustable to suit operator height with waist bar.
- > Weight 70 Kgs.

LEVEL 100

FOR FLOATED AND MIRROR-FINISHED CONCRETE FLOORS.

Due to its medium sized dimensions (circle dimension 90 cms) the Level 100 can be used on a wide range of environments, industrial and residential floors.

- > Circular grid diameter 900 mm (wider external circle to reduce the distance between blades and wall).
- > 4 strokes petrol engine 5,5 HP (Honda, Lombardini Diesel, Robin).
- > Mechanical blade adjustment; on demand by hydraulic pump.
- > Centrifugal clutch to allow starting with blades in stationary positions.
- > Automatic stop device: it stops automatically the machine after semi-turn in case operator leaves accidentally the steering handle.

LEVEL 100



On demand wheels for transport for model LEVEL 100 and LEVEL 108/110

LEVEL 108/M

Produced for builders needs.
It has a different diameter from that of LEVEL 110/SL,
a lighter construction and instead than an hydraulic
blade adjustment a mechanical blade adjustment.

LEVEL 108/M

LEVEL 108/M

TECHNICAL FEATURES

Mechanical blade adjustment by handwheel
4 strokes petrol engine Honda 9 HP or electric motor
Circular grid diameter 112 cm
Weight 96 Kg
Folding handle

FLOATING BLADES

Made of special steel and
used for floating concrete
surface.
Protruding edges for use
when working with fresh laid
cement.
To be fixed to blades using
special seal spring joint.



FINISHING BLADES

Also made of special steel
and designed specifically
for this purpose.
Blades remain pitched
when in use.



LEVEL 110/SL

PROFESSIONAL

POWER TROWELS FOR FLOATING AND FINISHING CONCRETE SURFACES

- > Explosion engine 9/11 HP or Diesel engine 7,5 HP.
- > Hydraulic blade adjustment by hydraulic pump and piston-cylinder.
- > Protection circle diam. 120 cm.
- > Automatic device to start machine with blades at still position.
- > Automatic stop device: if the operator leaves the handle the machine stops after half turn.
- > Belt tensioner.
- > Protection ring with zinked circles and opening for easy blade change.
- > Extra handlebars to move the machine (2 workers).
- > Folding and adjustable handle to the desired operator's height.
- > Weight kg. 120
- > Upon demand 2 wheels for transport available.
- > Level 110/SL applies same blades as DUPLEX 1200/1250.
- > LEVEL 110/SLM with mechanical blade adjustment and other features same as LEVEL 110/SL is also available.

LEVEL 110/SL PETROL

Folding handle.
Circle with easily opening gate providing quick blade replacement.



Accessory plug-in bar for transport
On demand wheels for transport



LEVEL
110/SL

SUPER FLY 90 M

LIGHT WEIGHT: POWER TROWEL FOR FRESH CONCRETE

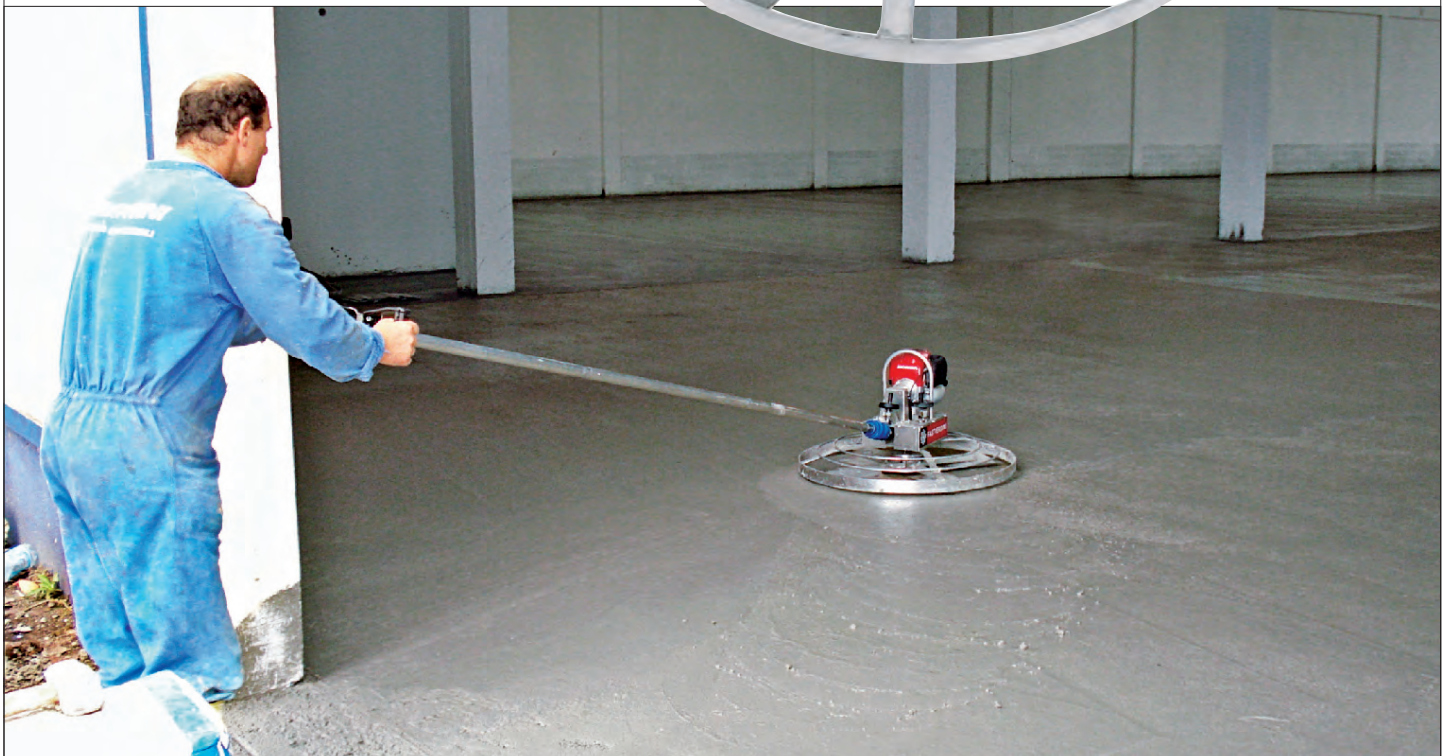
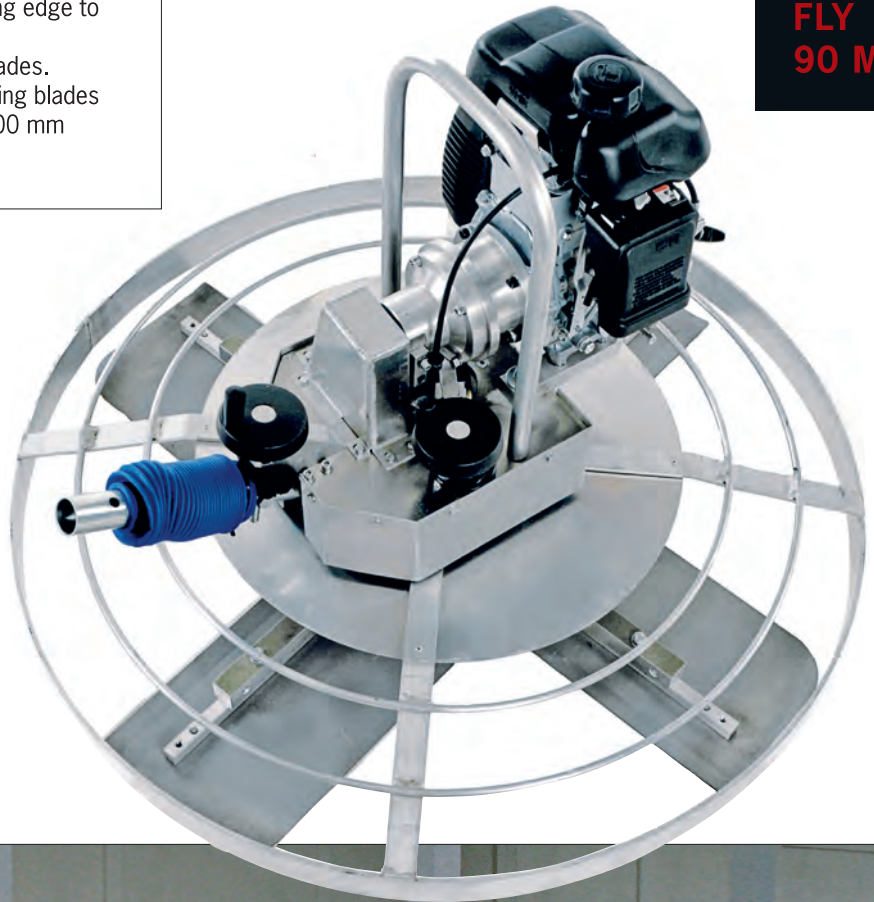
It can finish and float finishing after only few hours from casting while the operator thanks to the extensible handle (up to 3 mt.) remains on dry floor.

- > By turning clockwise of about 20 degrees the handles, the machine will start walking; by releasing them, the machine will stop automatically.
- > Blades tilting is obtained by a wheel, with the most important parts of the mechanism protected by a shield.
- > The arm can be adjusted to achieve the desired height for the perfect ergonomic position according to the length of the arm (1, 2 or 3 meters).
- > Again, most important parts are protected.
- > The Super Fly 90 M is supplied with the rotating edge to work near walls.
- > Further more, it is supplied with 4 finishing blades.
- > Upon request, we supply also combined, floating blades and a 3 mm thickness steel disk, diameter 900 mm (same as Level 100).

SUPER FLY 90 M

LIGHTWEIGHT POWER TROWEL

SUPER
FLY
90 M



DUPLEX

630/950/1000

1000H/1200/1250

BABY DUPLEX 630

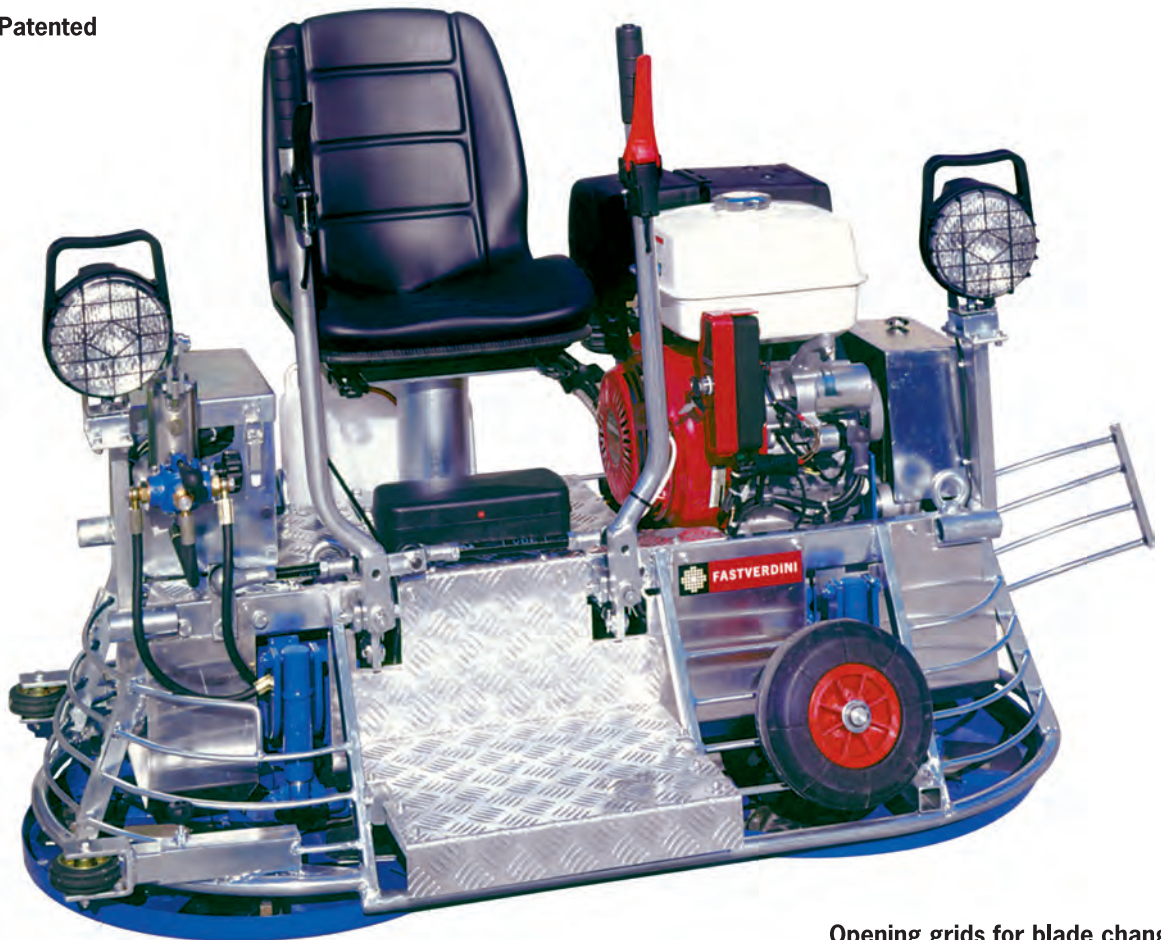
This machine satisfies the need for a ride-on power float to move easily in a house or apartment. Floor-finishers around the world have marvelled at how this machine makes their job easier and more cost-effective on narrow premises. The Baby Duplex ride-on power float is also specially-fitted with distancing mini-wheels to enable close-to-wall trowelling, to be done with 90°-edged pan and rounded finishing blades. The machine can also mount combi blades and is easily wheelbarrowed onto the working place with its removable handlebars and wheels. As in all our ride-on power floats, the blades are pitched hydraulically, with just one hand.

BABY
DUPLEX 630



NO OVERLAP

Patented



Opening grids for blade change

BABY DUPLEX 630

- > Honda 13 HP explosion engine with electric starter with battery.
- > 10 lt water tank with pump and electric button.
- > Two lights.
- > Patented simultaneous hydraulic blade adjustment for the 2 rotors.



Distancing mini-wheels for close-to-wall trowelling

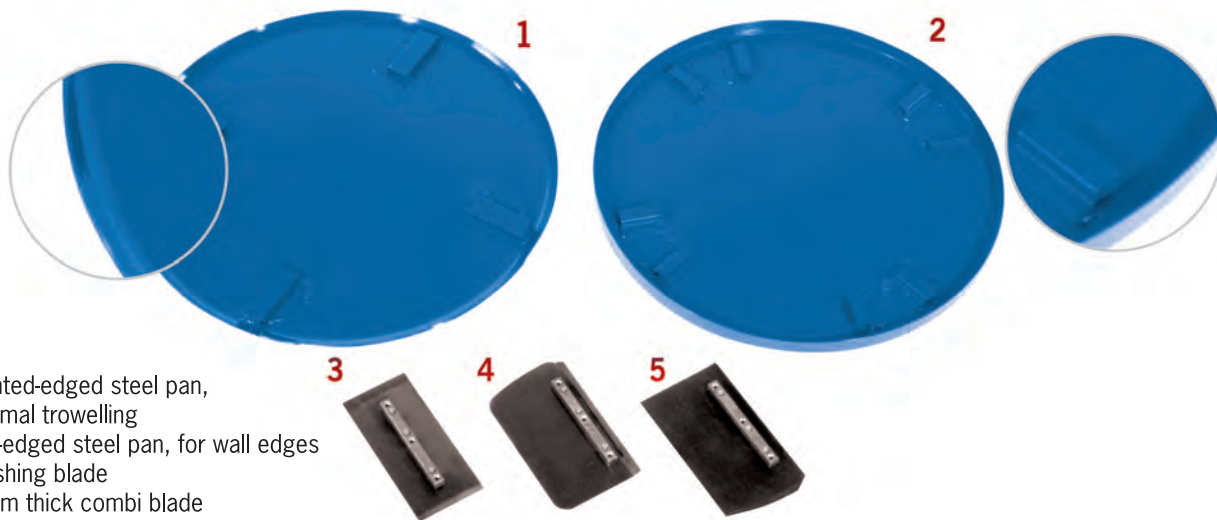


Equipped with device to float finishing wall edges

**CARRY
HANDLES
for BABY
DUPLEX 630**



ACCESSORIES FOR BABY DUPLEX 630



- 1 Slanted-edged steel pan, for normal trowelling
- 2 90°-edged steel pan, for wall edges
- 3 Finishing blade
- 4 3 mm thick combi blade
- 5 Rounded-edge blade for wall edges

Features of DUPLEX 950-1000-1200 with mechanical controls

- > Patented simultaneous hydraulic blade-pitch system for both rotors.
- > Galvanised frame with two opening doors.
- > Oversized gearboxes housed inside a steel compartment.
- > Galvanised casing to protect lower rotary components.
- > Two work lights.
- > 10 litre water tank with button-operated pump and conical flow sprayers.
- > 11 litre fuel tank in special rustproof material. (see Duplex 1000 and 1000 H photos).

Features of DUPLEX 1000 H - 1200 H - 1250 H hydraulic control models

- Duplex 1000 H, 1200 H, 1250 H hydraulic models are equipped with:
- > Two joysticks for effortless manoeuvrability: the machine has 5 cylinders and is totally hydraulic.
 - > Stainless steel oil tank.
 - > Galvanised casing to protect lower rotary components.
 - > Two work lights.
 - > 10 litre water tank with button-operated pump and conical flow sprayers.
 - > 11 litre fuel tank in special rustproof material. (see Duplex 1000 and 1000 H photos).

DUPLEX
950



OVERLAP

DUPLEX 950



DUPLEX
1000 R



NO OVERLAP

DUPLEX 1000 R with built-in wheels controlled by winches and steering bar
(on demand)

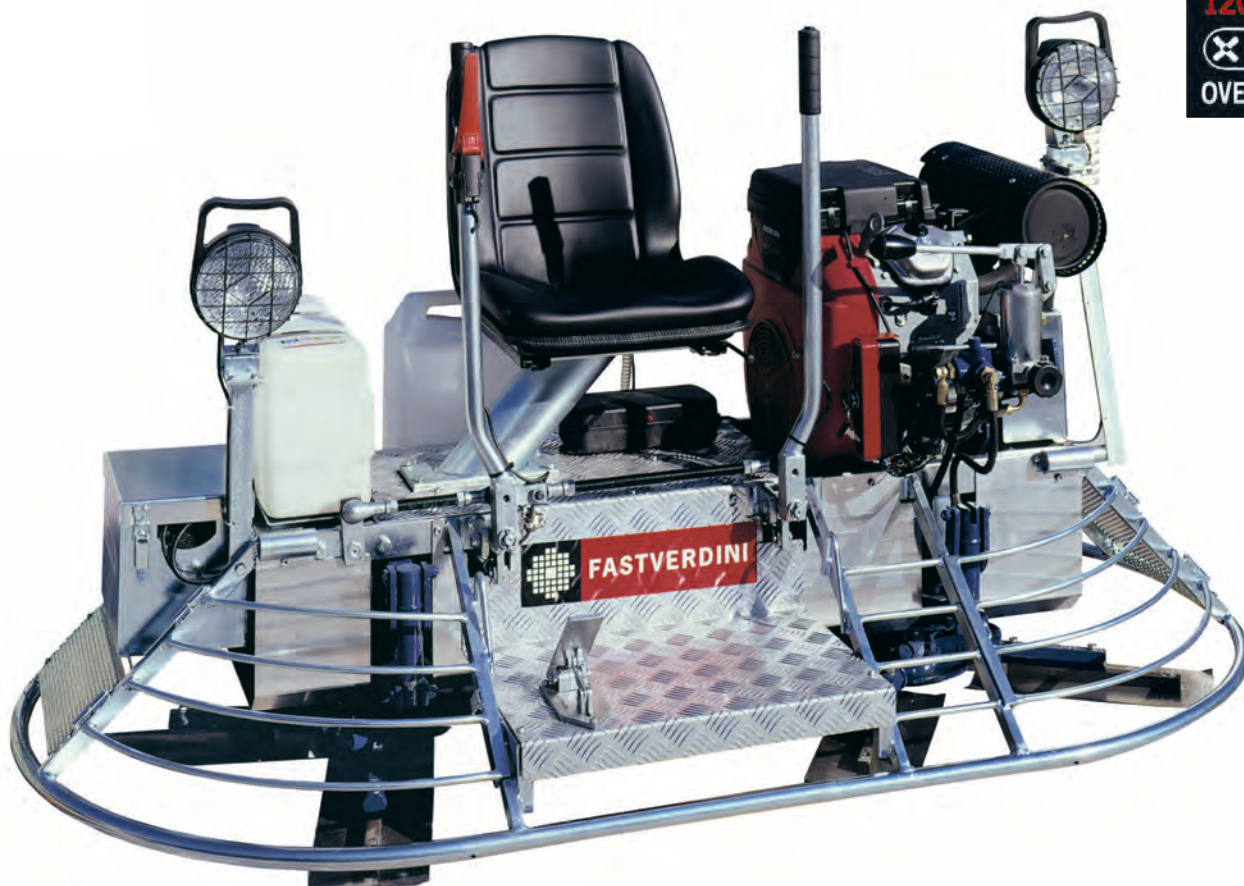


In red color two water sprayers with adjustable flow

DUPLEX 1200

DUPLEX
1200
✕+

OVERLAP



DUPLEX 1000 H HYDRAULIC the only one fully HYDRAULICALLY STEERED A big success of Fast Verдини ride-on trowels

DUPLEX 1000 H

Same technical features as Fast Verдини DUPLEX with the exception of following features peculiar to hydraulic version

- > Safety stop seat: by getting up from the seat, machine will stop
- > Oil tank in stainless steel
- > Fuel tank in special material

DUPLEX
1000 H



NO OVERLAP



Mechanical parts fully protected

RIDE-ON HYDRAULIC DUPLEX 1250/H NOT OVERLAPPING

DUPLEX
1250 H

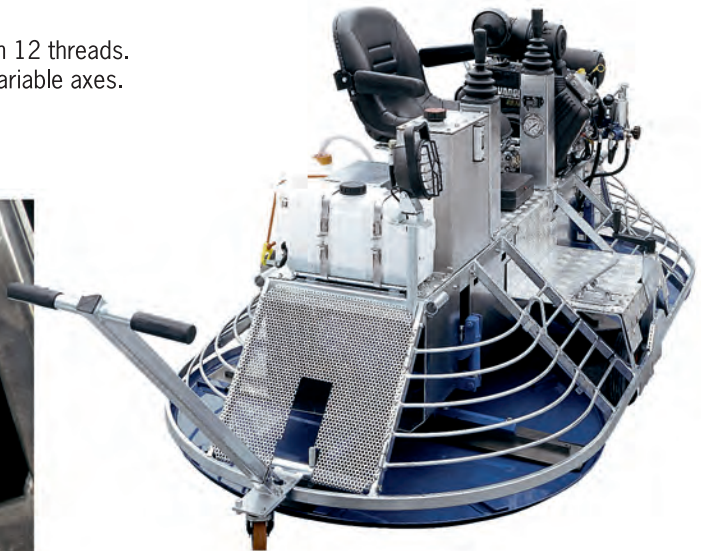
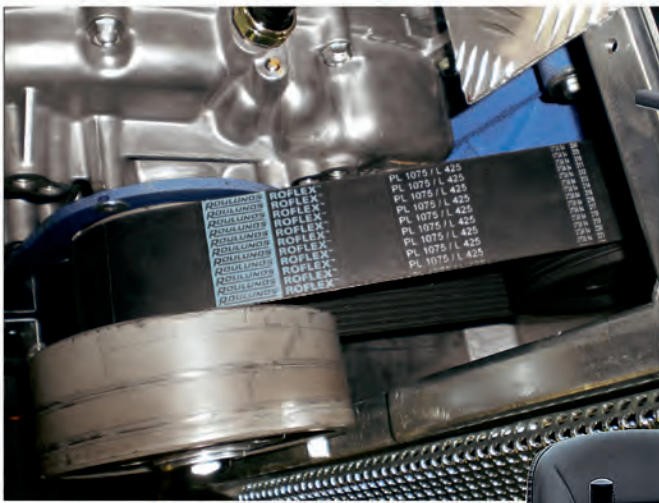
NO OVERLAP

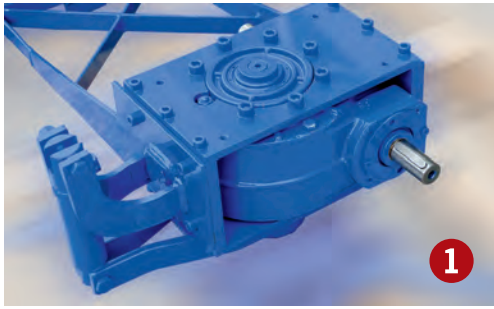
Double joystick hydraulic steering system for easiest manoeuvrability. State of art engineering allows high accuracy of movements.

PATENTED HYDRAULIC blade adjustment, making this machine the first and only one available in the market with full hydraulic steering and blade adjustments systems.

Main features:

- > Rotors Diameter: 1200mm can be fitted with either blades or steel disc diam. 1250 mm.
- > Briggs & Stratton 35 HP or 31 HP electric start or Honda GX690.
- > Electric operated water spray button on joystick.
- > Safety stop seat: by getting up from the seat, machine will stop.
- > Oil tank in stainless steel.
- > RPM display.
- > Working Hours display.
- > Supplied with 5 built-in wheels for easy transportation.
- > Single flat belt transmission with multiple thread POLI-V with 12 threads.
for best power transmission. Belt-tension device with not variable axes.





1

1 The Fast Verдини Duplex 1000 gearbox dismantled. The strength of the integral bronze crown and the screw in treated steel can be seen.



2

2 The gearbox is enclosed within a box made of very thick steel plate. The gearbox is always of sufficient oversize to resist excessive impact and stress.

Each arm of the spider has its own grease nipple. The position of the blade angle setting cylinder is visible between the two forks to make arm rotation always easy.

3 Hydraulic pump with top lever which hydraulically activates the angle of the blade; by placing the bottom lever in the centre position the blade inclination can be set for both rotors at the same time. Pushing it to the right or left will set only the right or left rotor angle.

4 Mechanical parts fully protected

5 Opening grids available in two versions

6 Trolley for transport Duplex 950/1000/1200

7 Duplex 1000 with built-in wheels and steering bar.



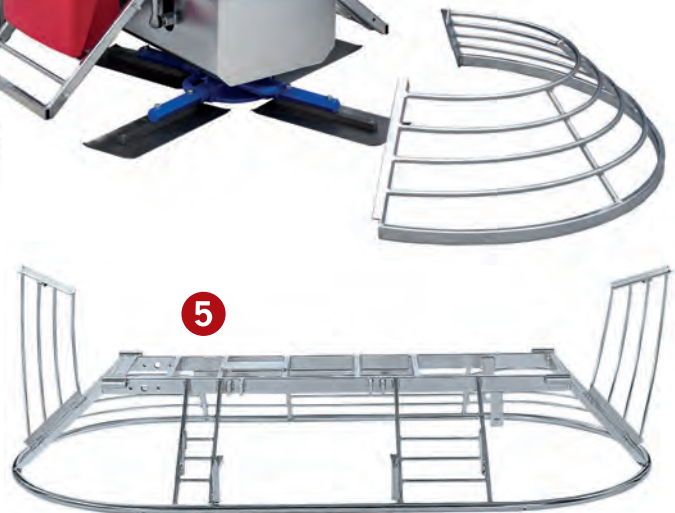
3



4



6



5



7



PATENTED TWIN-ROTOR DUPLEX POWER FLOATS

FEATURES COMMON TO ALL FAST VERDINI DUPLEX MODELS:

The two revolving impellers can be tilted at the same time using a single central control worked by just one of the operator's hands; in addition, the left or right impeller can be tilted alternatively by moving a dedicated lever, again with the same control, demanding much less effort than adjustment by means of a screw system. The central control consists of a hydraulic pump with a lever control that acts upon two blade tilting cylinders providing the following advantages:

- 1) the certainty of obtaining the same amount of blade pitch on the two rotors and consequently improved levelling in less time.
- 2) upon request Duplex 950/1000 with mechanical (instead than hydraulic) blade adjustment available.
- 3) if required, one impeller can be tilted more than the other. Fast Verdini Duplex models are equipped with two control levers, one of which houses the control button for the water pump that draws water from the tank. There are two work lights and opening doors on both sides to make blade changing easier. Duplex models 1000/1200/1250 are available with either mechanical lever controls or two hydraulic joysticks.

Fast Verdini Duplex models are of very robust and well balanced construction, the gearboxes are housed inside a 10mm steel compartment and are oversized.

All swivelling parts are made of treated steel and the surfaces are designed not to rust.

MODEL	ENGINE		WATER TANK	FORWARDING	FUEL TANK	BLADE SPEED rpm	Ø ROTORS mm	DIMENSIONS mm	WEIGHT Kg
DUPLEX 630	Honda HP 13 electric starting	NO OVERLAP	10 lt	90 mt/1'	6,5 lt	54 ÷ 133	630	1380 680X1020 (H)	210
DUPLEX 950	Honda HP 20 electric starting	OVERLAP	15 lt	98 mt/1'	11 lt	54 ÷ 133	950	1830 1040X980 (H)	250
DUPLEX 1000	Honda HP 20/24 electric starting	NO OVERLAP	15 lt	98 mt/1'	11 lt	54 ÷ 133	1000	2010 1040X980 (H)	270
DUPLEX 1000H HYDRAULIC	Honda HP 24 electric starting	NO OVERLAP	15 lt	98 mt/1'	11 lt	54 ÷ 133	1000	2210 1040X980 (H)	361
DUPLEX 1200	Honda HP 24 electric starting	OVERLAP	15 lt	98 mt/1'	11 lt	54 ÷ 133	1200	2320 1040X980 (H)	326
DUPLEX 1250H HYDRAULIC	Honda B+S HP 35 electric starting	NO OVERLAP	15 lt	98 mt/1'	11 lt	54 ÷ 133	1200	2600 1240X980 (H)	370

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