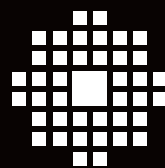




POWER TROWELS
LEVEL 60-63-100-108
DUPLEX 630-950-1000
1000H-1200-1250



FASTVERDINI

Quality and technology
in 50 countries worldwide

Power Trowels

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

GENERAL FEATURES.

- > Folding handle adjustable to fit operator height (and for easy handling and storage)
- > Lifting hook for easy transport and engine protection

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.

LEVEL 60

DATA - LEVEL 60/E SINGLE PHASE.

- > 2 HP single phase motor, 230 Volts 50 Hz with double safety insulation.
- > Low tension switch with automatic stop device.

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 and automatic stop device.
- > Mechanical blade adjustment by means of special screw-type control device.
- > 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 engine
with Honda engine.
Folding handle with
adjustable height.



TECHNICAL FEATURES

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
ELECTRIC**

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

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

**LEVEL
60 / S**



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.

SIDE CORNER POWER TROWEL

LEVEL 63

- 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



Technical specifications

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.



LEVEL 100

LEVEL
100



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

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 HP (Honda, Lombardini, 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.
- > 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 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.



Finishing, combined, floating and steel disk.

Finishing, floating and combined blades made of special steel, wear proof, specially studied for this use.



New model LEVEL 108/M

It differs from the Level 108/SL in that it is lighter and therefore more suitable for construction companies, where it is not in continuous use (as it would be with industrial pavers). In addition, the adjustment of the blades is mechanical and not hydraulic.

The machine uses the same blades as the Level 108/SL model and has the same circular grid diameter and overall dimensions.

LEVEL 108/M

MECHANICAL

LEVEL
108/M

TECHNICAL FEATURES

Mechanical blade adjustment by handwheel

4 strokes petrol engine Honda 9 HP or electric motor

Circular grid diameter mm 1120

Weight Kgs 96



LEVEL 108/SL

PROFESSIONAL

LEVEL
108/SL

LEVEL 108/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 108/SL

PROFESSIONAL

POWER TROWELS FOR FLOATING AND FINISHING CONCRETE SURFACES

- > 8 ÷ 11 HP 4 strokes gasoline engine or with 7,5 HP diesel engine.
- > Blade adjustment by way of hydraulic pump and piston.
- > Control of valve opening for returning oil and bringing blades back to horizontal position.
- > Circular grid diameter 1120 mm.
- > Automatic starting device with blades in stationary position.
- > Automatic stop device in case accidentally left steering. Is machine stops automatically after semi-turn.
- > Four blades - each separately adjusted on our test bench for perfect stability and surface levelling.
- > Belt adjuster.
- > Zincked circular safety grid.
- > Folding handle adjustable to suit operator height with waist bar.
- > Weight 120 Kg
- > Circle with easily opening gate providing easy access to the rotor and quick blade replacement.
- > Accessory plug-in bar for transport.

ADVANTAGES

These machines beat hands-down all others of their kind available on the market today. This isn't an advertising slogan - we can prove it if given the chance.

The reasons are three-fold:

perfect processing of all the components, the utmost care taken during assembly. The advanced digital technology which goes to make up the most important parts.

The practical advantages of the machines are: the blades wide range of speed variation allowing greater freedom of choice for timing when floating perfect balance in blade rotation enables a vibration-free trowelling operation and guarantees a perfect mirror finish, a high production capacity due to the sturdy, well-balanced and precision properties of the machine's components and finally, a reduced space between the working diameter and guard ring thus facilitating working near walls.

LEVEL 102 and LEVEL 110/SL PROFESSIONAL

The Level 102 (instead of level 100) and Level 110/SL (instead of Level 108/SL) are also available for industrial concrete levellers the as they have the same blades as the Duplex. The Level 102 has a Ø 95 cm and the level 110/SL a Ø 120 cm., other characteristics are the same. The 108/SL and 110/SL area also available with a diesel engine.

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.



HIGHER WORKING LIFE

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.

DUPLEX

630 / 950 / 1000
1000H / 1200 / 1250

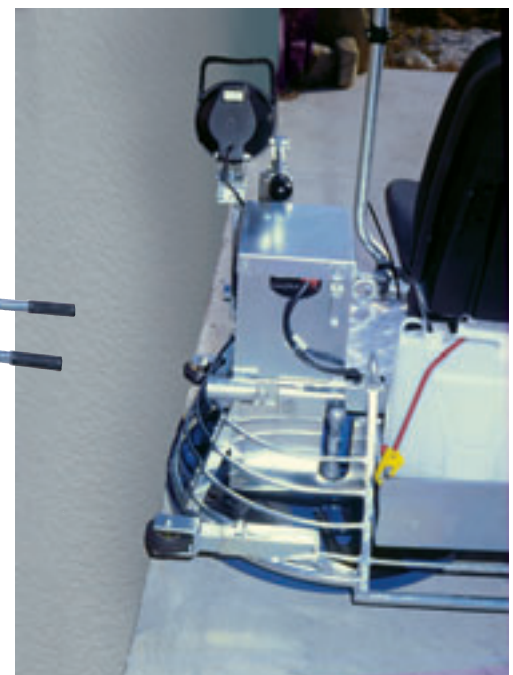
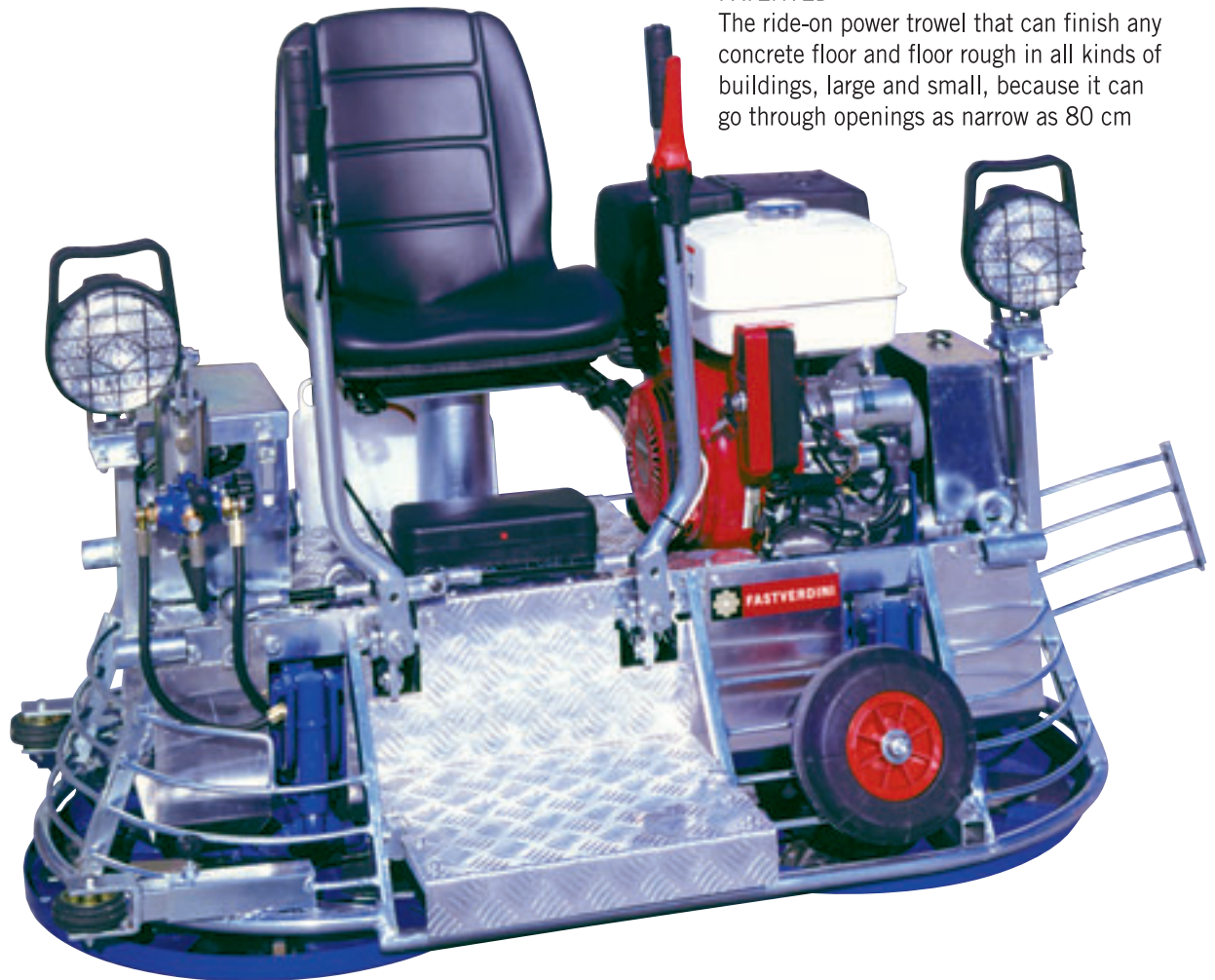
BABY
DUPLEX 630



NO OVERLAP

PATENTED

The ride-on power trowel that can finish any concrete floor and floor rough in all kinds of buildings, large and small, because it can go through openings as narrow as 80 cm



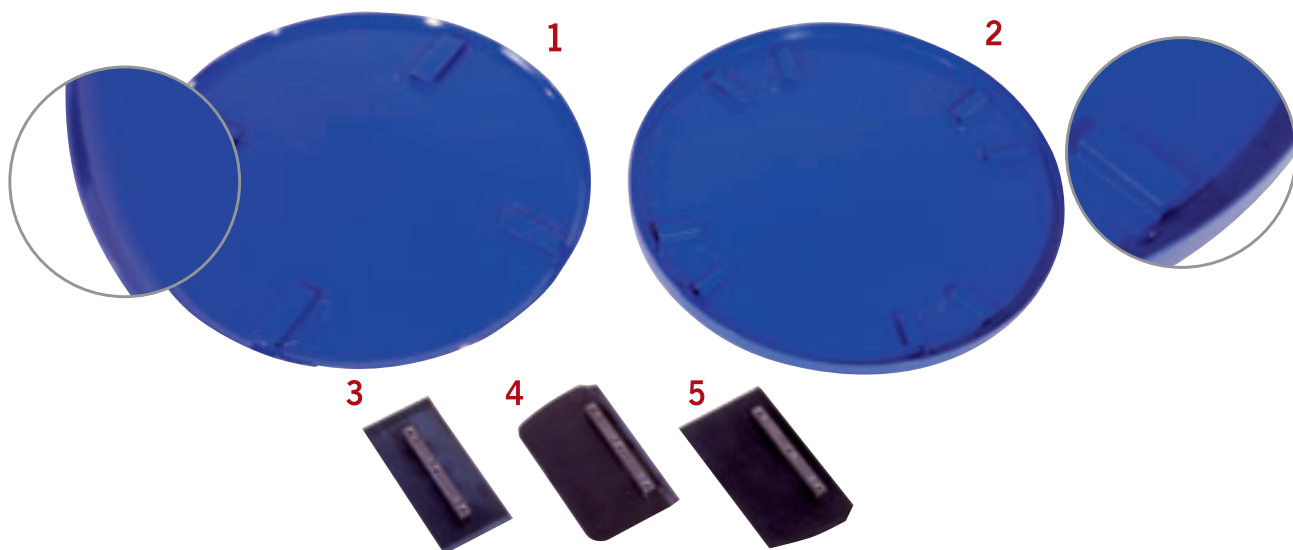
Distancing mini-wheels
for close-to-wall trowelling

RIDE ON TECHNICAL FEATURES COMMON TO ALL RIDE-ON POWER TROWELS

- > The pitch of the blade rotors can be adjusted simultaneously using a combined central control unit patented, which the operator uses one-handed; what's more, a special lever allows separate adjustment of the pitch of just the left-hand or right-hand rotor, using the same control unit.
- > The central control unit includes a lever-controlled hydraulic pump acting on the two blade pitch adjustment cylinders;
- > This system has the following advantages:
 1. The certainty that the blades of both rotors are at exactly the same pitch, giving better surface levelling and shorter working times.
 2. If necessary, the two rotors can be set at different pitches.
 3. There is no need to stop the machine while adjusting the pitch
- > The machine is also equipped with dual stick control for steering the machine in all directions, also fitted with the control for the pump, which draws water from a tank to wet the surface. Also equipped with two lights to assure adequate lighting.



ACCESSORIES FOR BABY DUPLEX630



- 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

DUPLEX
950

OVERLAP



DUPLEX
1000

NO OVERLAP



The protection grid has two easily opening gates providing easy access to the two rotors and quick blade replacement.

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

DUPLEX
1000 H



NO OVERLAP

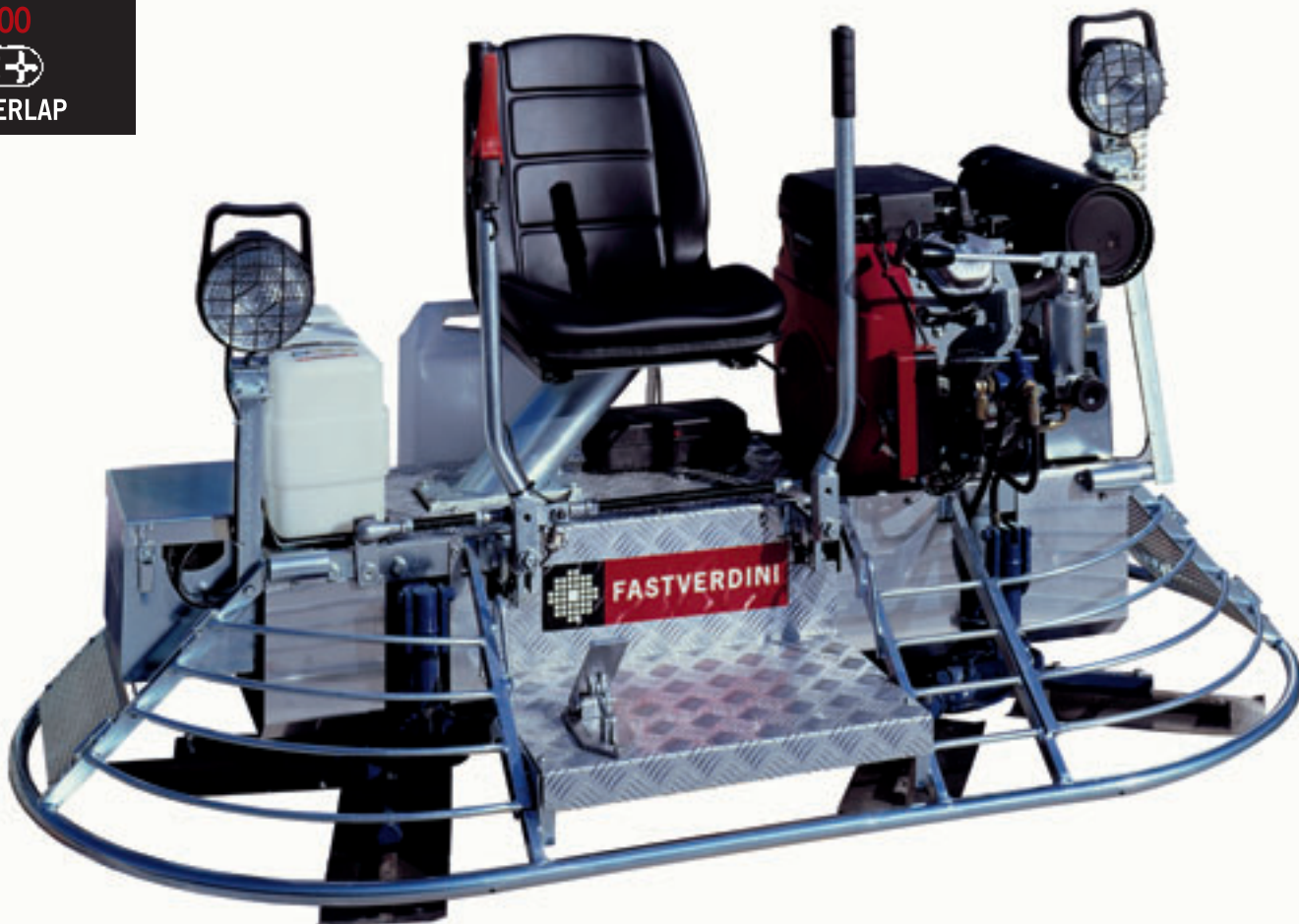


DUPLEX 1000H and DUPLEX 1200H are equipped with double joystick hydraulic steering system which allows the slightest movements with great precision. With oil tank in stainless steel, working hours display and safety stop seat: by getting up from the seat, machine will stop.

DUPLEX
1200



OVERLAP



All Duplex 1000/1200/1250 can be equipped with double joystick hydraulic steering system which allows the slightest movements with great precision.

RIDE-ON HYDRAULIC DUPLEX 1250/H NOT OVERLAPPING

- 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:

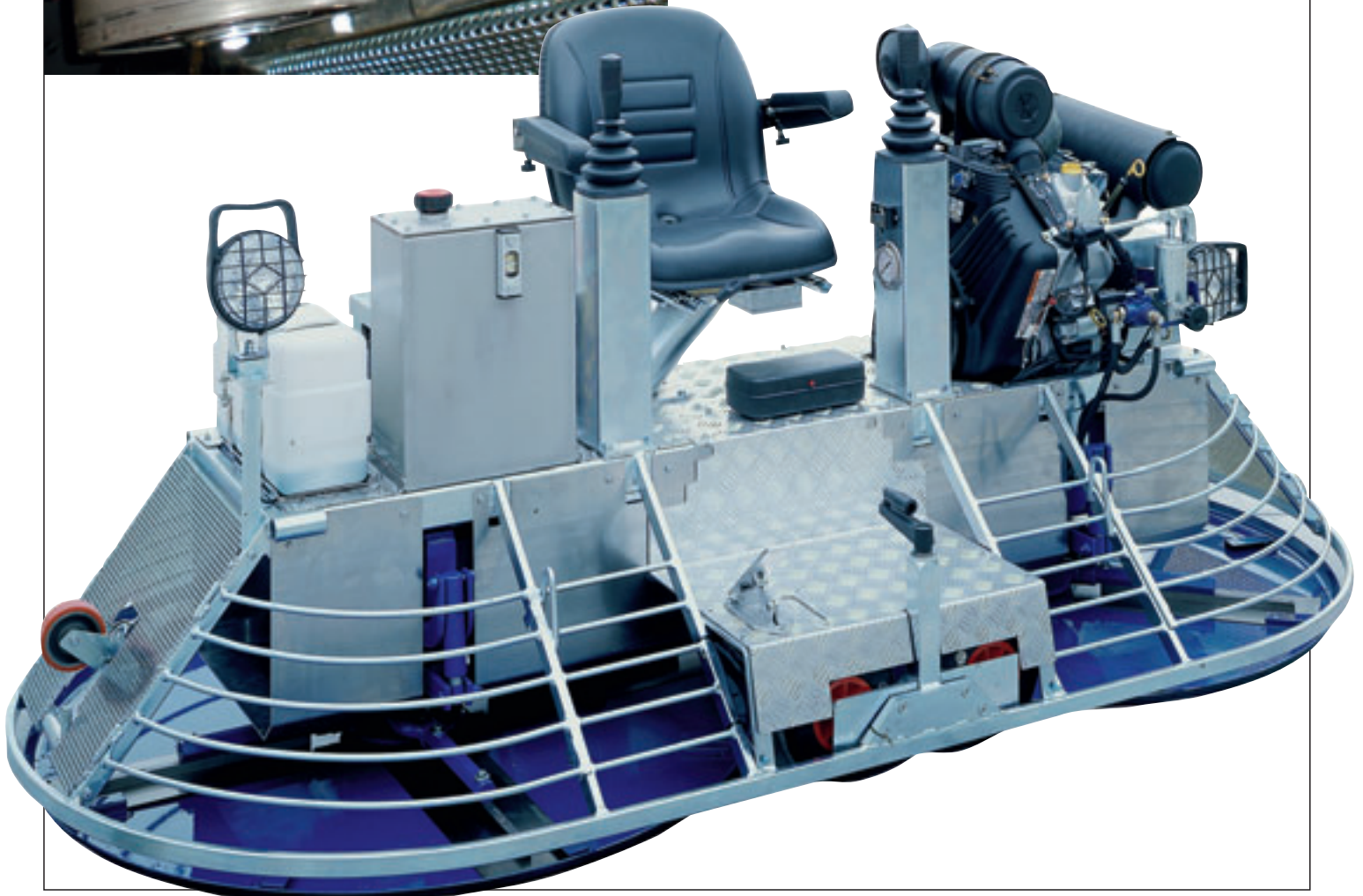
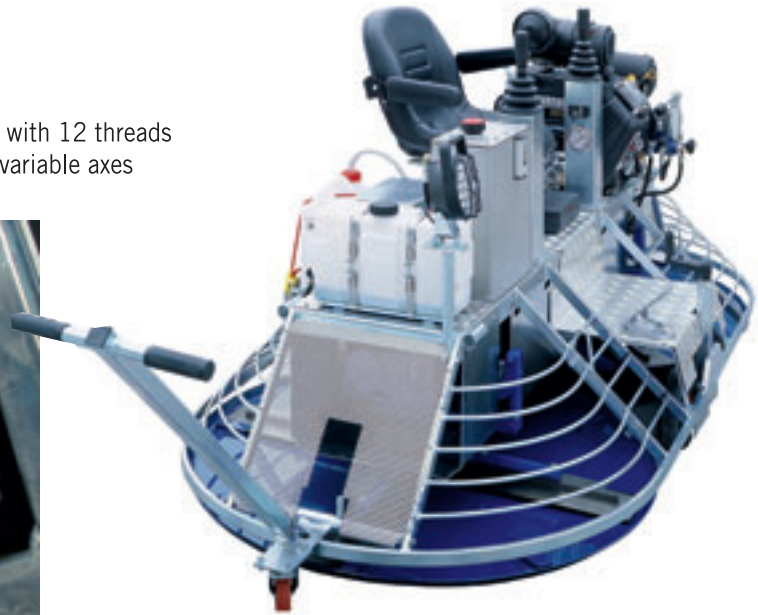
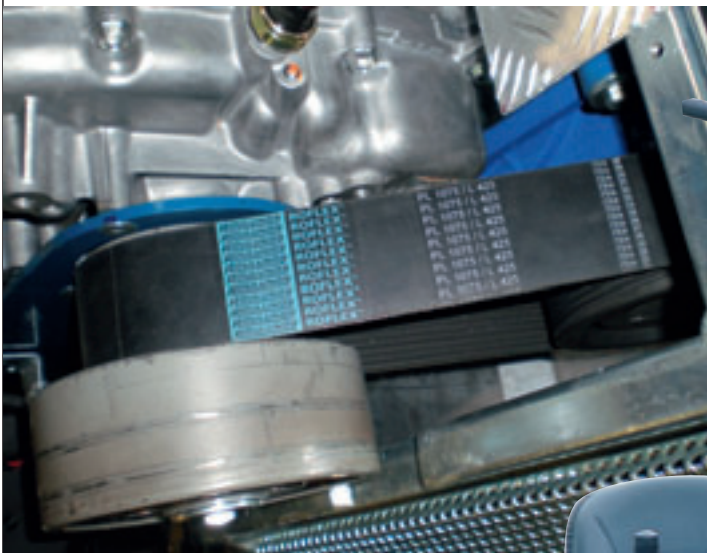
- > Rotors Diameter: 1200mm Can be fitted with either blades or steel disc diam. 1250 mm
- > Briggs & Stratton 35 HP or 31 HP electric start
- > Electric operated water spray button on joystick
- > Safety stop seat: by getting up from the seat, machine will stop
- > Oil tank in stainless steel, complete with temperature and oil level gauge
- > Oil pressure manometer
- > 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

DUPLEX

1250 H



NO OVERLAP



1 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.

2 The hydraulic blade adjustment is performed by the hydraulic piston situated on each rotor. The piston is operated by the hydraulic pump (Photo 1).

3 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.

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

5 Close up of the battery box in galvanised steel, the container for the water tanks and the tool box, fitted to all Fast Verdini Duplex models.



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	2210 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 1240x980 (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

Fast Verdini S.p.A.

Macchine edili e stradali

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