

The Comfort version features a mechanical suspension seat and an underhood muffler with vertical exhaust, while the Top Comfort version includes a pneumatic suspension seat and a side exhaust muffler fitted on the right cab post.

The height adjustable sprung seat and the rounded, plunging line of the hood provide total visibility when manoeuvring.

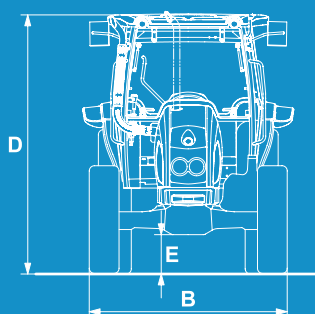
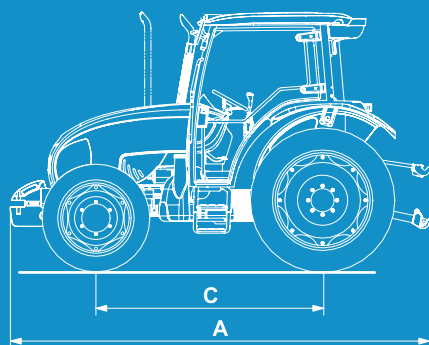
The tractor range includes four versions equipped with different engine models and a choice of five transmissions and two cab styles for maximum versatility, optimum comfort and increased productivity.



Landini

Legenda: ● standard ○ option – not available
* power estimated by Manufacturer

		POWERFARM 80		POWERFARM 90		POWERFARM 100		POWERFARM 105	
		Speed Four	Power Shuttle	Speed Four	Power Shuttle	Speed Four	Power Shuttle	Speed Four	Power Shuttle
Engine									
Perkins Tier 3 direct-injection engine		1104D-44	1104D-44T	1104D-44T	1104D-44T	1104D-44T	1104D-44T	1104D-44T	1104D-44T
max. power (ISO)	hp/kW	74/54,5	83/61	92,5/68	92,5/68	92,5/68	92,5/68	98,6 / 72,5	98,6 / 72,5
net PTO power (ISO)	hp/kW	68,5/50,5*	77/56,5*	85,5/62,5*	85,5/62,5*	85,5/62,5*	85,5/62,5*	91/67*	91/67*
max. torque	lb. (Nm)	188,5 (256)	254 (345)	282,5 (384)	282,5 (384)	282,5 (384)	282,5 (384)	282,5 (384)	282,5 (384)
displacement	cu. in. (cm ³)	268,5 (4400)	268,5 (4400)	268,5 (4400)	268,5 (4400)	268,5 (4400)	268,5 (4400)	268,5 (4400)	268,5 (4400)
nr. of cylinders / turbocharged		4 / no	4 / yes	4 / yes	4 / yes	4 / yes	4 / yes	4 / yes	4 / yes
fuel tank capacity	gal. (lt)	27.2 (102)	27.2 (102)	27.2 (102)	27.2 (102)	27.2 (102)	27.2 (102)	27.2 (102)	27.2 (102)
Clutch									
independent dry dual clutch	in.	11	11	12	12	12	12	12	12
mechanical control		●	●	●	●	●	●	●	●
mult-disc wet clutch		–	–	–	–	–	–	–	–
De-clutch Control: button operated clutch		–	–	●	●	●	●	●	●
Transmission									
mech.rev.shuttle+Speed Four: 12FWD+12REV		●	●	●	●	●	●	●	●
mech.rev.shuttle + Speed Four + creeper: 24FWD+ 12REV (25 mph (40 Kph))		○	○	○	○	○	○	○	○
mech.rev.shuttle+Speed Four + overdrive: 24FWD + 12REV (25 mph (40 Kph))		○	○	○	○	○	○	○	○
hydr.rev.shuttle+Speed Four+ Power Four 24FWD+12REV		–	–	●	●	●	●	●	●
hydr.rev.shuttle+Speed Four+Power Four + creeper 32FWD+16REV		–	–	○	○	○	○	○	○
Reverse Power Shuttle: under load		–	–	●	●	●	●	●	●
Power take-off									
mechanical control		●	●	●	●	●	●	●	●
Oil immersed multi-disc Hydra P.T.O.		–	–	●	●	●	●	●	●
electrohydraulic control		–	–	●	●	●	●	●	●
2 speeds 540/750 rpm.		●	●	●	●	●	●	●	●
2 speeds 540/1000 rpm		○	○	○	○	○	○	○	○
4WD front axle									
mechanical 4WD engagement		●	●	●	●	●	●	●	●
electrohydraulic 4WD engagement		–	–	●	●	●	●	●	●
max. steering angle		55°	55°	55°	55°	55°	55°	55°	55°
Twin-Lock electrohydraulic diff-locks		●	●	●	●	●	●	●	●
Brakes									
oil-immersed graphite-coated rear brakes		10 discs	10 discs	10 discs	10 discs	10 discs	10 discs	10 discs	10 discs
oil-immersed graphite-coated front brakes, 4 discs		●	●	●	●	●	●	●	●
IBS Integral Braking System		●	●	●	●	●	●	●	●
Hydraulic power lift									
std lifting capacity	lb. (Kg)	5700 (2600)	5700 (2600)	5700 (2600)	5700 (2600)	5700 (2600)	5700 (2600)	5700 (2600)	5700 (2600)
lifting capacity with 2 aux.cylinders	lb. (Kg)	8140 (3700) ○	8140 (3700) ○	8140 (3700) ○	8140 (3700) ○	8140 (3700) ○	8140 (3700) ○	9570 (4350) ○	9570 (4350) ○
hydraulic flow @ remote	GPM (lt/min)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)
total hydraulic flow	GPM (lt/min)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)
STD auxiliary valves		1	1 2	1 2	1 2	1 2	1 2	1	2
Dimensions in running order									
with tyres		16.9-R30	18.4-R30	18.4-R30	18.4-R30	18.4-R30	18.4-R30	18.4-R30	18.4-R30
A length (with ballast)	in. (mm)	162.8 (4136)	162.8 (4136)	162.8 (4136)	162.8 (4136)	162.8 (4136)	162.8 (4136)	163.8 (4160)	163.8 (4160)
B min. width	in. (mm)	76.5 (1945)	81.2 (2063)	81.2 (2063)	81.2 (2063)	81.2 (2063)	81.2 (2063)	81.2 (2063)	81.2 (2063)
C wheelbase 2WD/4WD	in. (mm)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)	92/91 (2341/2316)
D height over cab	in. (mm)	99.1 (2518)	100.4 (2550)	100.4 (2550)	100.4 (2550)	100.4 (2550)	100.4 (2550)	100.4 (2550)	100.4 (2550)
E ground clearance 4WD	in. (mm)	16.7 (425)	17.8 (453)	17.8 (453)	17.8 (453)	17.8 (453)	17.8 (453)	17.8 (453)	17.8 (453)
weight 4WD (w/o ballast) + 330lb. (150kg) cab.	lb. (kg)	7326 (3330)	7326 (3330)	7326 (3330)	7326 (3330)	7326 (3330)	7326 (3330)	7590 (3450)	7590 (3450)



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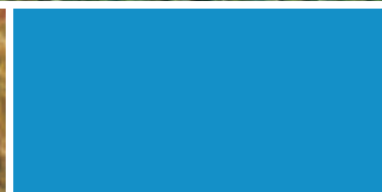
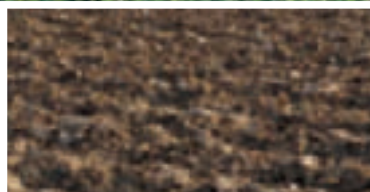
Gruppo Industriale ARGO

AgroLube
Landini original lubricants

Landini®

Powerfarm

80 - 90 - 100 - 105
**SPEED FOUR • POWER SHUTTLE
CAB**



Powerfarm Cab is a tractor range featuring a clean and modern design.

The new Perkins 1104D series **"TIER 3"** 4-cylinder aspirated and turbo engines offer high fuel efficiency low noise and reduced emissions and ensure a high torque backup.

The modular transmission is available in two versions – mechanical (SPEED FOUR) and electrohydraulic (POWER FOUR for 90 - 100 - 105 models) - and equipped with Declutch Control and Reverse Power Shuttle.

The POWER SHUTTLE transmission includes a hydraulic reverse power shuttle of the latest generation and a HI-LO hydraulic splitter (POWER FOUR + 20% increased) making the POWERFARM tractor state-of-the-art in its class.

The tractor excellent performance and functionality are enhanced by the comfort of the **"Total View"** cab.

Featuring full glazing for all-round visibility, air-conditioning fitted on the roof and intuitive controls, the cab is available in two versions: *Comfort* and *Top Comfort*.



**Powerfarm,
the essence of modernity.**



New Perkins 1104D series "TIER 3" engines with forward tilting hood

The new Perkins 1104D (4-cylinder) aspirated and turbocharged engines, deliver 74 - 83 - 92.5 and 98.6 HP (ISO).

They offer high torque backup, improved fuel efficiency, low noise and reduced emissions.

The forward tilting hood provides easy access to the engine for routine service and maintenance (fig. A).



A



B

Front axle of latest generation

The four-wheel drive front axle with 55° steering angle features oil-immersed disc brakes which, combined with the action of the rear brakes, ensure effective integral braking on all four wheels (fig. B).

Power Four transmission (32FWD+16REV) with Declutch Control and Reverse Power Shuttle (for 90 - 100 - 105 models)

The POWER FOUR transmission (HI-LO splitter with electrohydraulic engagement for +20% increased) allows doubling the number of gears of the base transmission using the green pushbutton integrated in the gear lever.

POWER FOUR + SPEED FOUR (base transmission) + CREEPER + REVERSE POWER SHUTTLE for a total of 32FWD+ 16REV speeds.

The DE-CLUTCH CONTROL (orange pushbutton integrated in the gear lever) and the REVERSE POWER SHUTTLE (hydraulic reverse shuttle with lever integrated in the steering column) allow clutch-less engagement and reversal of all gears.



C



D

Dashboard with analog instruments

The stylish dashboard features analog instruments allowing simple and fast reading of all the information necessary for proper use of the tractor and implements.

**Comfort and ergonomomy
a winning combination.**





High-performance hydraulics

The mechanical power lift provides 82 litres/min.

The mechanical power lift, linkage provides position, draft, ensuring a maximum lifting capacity.

The tractor can be optionally equipped to control raising and lowering of the loader.

The system features up to 4 auxiliary loader use (fig. F) and two operated



for power lift and auxiliary valves

des a maximum total flow rate of 21,6 GPM

equipped with a cat. 2 three-point
termix and floating control functions while
of 9570 GPM (4350 kg).

ipped with a rear lever allowing the operator
ne lift from the ground (fig. E-G).

ary valves, two controlled by a joystick for front
by a lever located beside the driver's seat



E



F



H



"Total View" cab for all-round visibility in *Comfort* or *TopComfort* version

The most outstanding feature of the *Powerfarm Cab* tractor is the all-round visibility of the "Total View" cab provided by the all-glass side doors hinged onto the rear post.

The interiors, stylish and accurate, have been executed making large use of the composite materials of modern automotive design. The cab comes in two versions: *Comfort* (with mechanical suspension seat) and *Top Comfort* (with pneumatic suspension seat).

All controls are arranged in a comfortable and intuitive position, according to current ergonomic standards.

The heating/ventilation and air-conditioning system is installed on the cab roof with considerable benefits for the driver in terms of comfort, safety and health.

The ventilation system is integrated by two filters designed to purify the air inside the cab. If the operator is required to work in a pesticide-contaminated environment, the cab can be provided with activated-carbon filters, available on request.

The roof features a fixed clear sunroof, particularly useful when working with front loaders, and four lights for night work.

Natural ventilation is ensured by the openable front and rear windscreens.