

LANDPOWER, TIER 3 ENGINES AND ELECTRONIC TRANSMISSION FOR IMPRESSIVE PERFORMANCE.

The new LandPower tractor has been redesigned with the adoption of the new F.P.T. Tier 3 engines and of an electronically-controlled transmission, making it ideal for all open-field applications as well as for high-speed road transport.

All models are powered with the new F.P.T. NEF 2V 6-cylinder turbo engines. Equipped with *air-to air intercooler*, the new engines meet the Tier 3 emission regulations and deliver up to 171 HP, providing exceptional torque and power levels.

The LandPower tractors have two different transmissions: the *Speed Six*, a completely mechanical transmission specially designed for the *Techno* and the electronically-controlled *Top-Tronic* transmission with *Declutch Control* and *Reverse Power Shuttle* for the *Comfort* and *Top-Tronic*.

The hydraulics feature five BOSCH auxiliary valves and the front axle can be optionally supplied with L.S.A hydraulic suspensions.

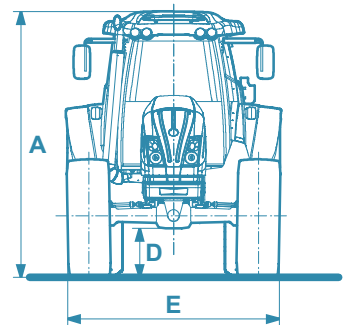
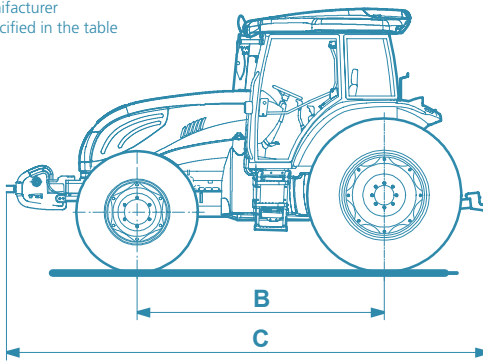
The cab provides a comfortable driving position with ergonomically-arranged controls. The air-conditioning, installed on the cab roof, ensures the driver a safe and healthy work environment.

The plunging line of the hood, in keeping with the Landini *Family Style*, and the large glass area of the cab provide total visibility enhancing manoeuvrability and driving comfort.



An Italian story			LANDPOWER 125		LANDPOWER 135		LANDPOWER 145		LANDPOWER 165		LANDPOWER 180	
			TECHNO COMFORT		TECHNO COMFORT		TECHNO COMFORT		TECHNO COMFORT		COMFORT	
ENGINE												
F.P.T. TURBO/INTERCOOLER AIR-AIR (TIER 3)					NEF 2V		NEF 2V		NEF 2V		NEF 2V	
MAX. ENGINE POWER (ISO)			HP/KW		117/86		133/98		141/104		157/116	
NET PTO POWER (ISO)			HP/KW		100/73*		114/83*		120/88*		135/99*	
MAX.TORQUE			LB. (NM)		380 (515)		435 (590)		461 (625)		509 (691)	
NR. OF CYLINDERS/DISPLACEMENT			CU. IN. (CM³)		6728/6		6728/6		6728/6		6728/6	
FUEL TANK CAPACITY			GAL. (LT)		68 (260)		68 (260)		68 (260)		68 (260)	
CLUTCH												
DOUBLE-PLATE DRY CLUTCH			14" (355 MM)		●		●		●		●	
MECHANICALLY OPERATED					●		●		●		●	
MULTI-DISC WET CLUTCH					●		●		●		●	
DE-CLUTCH CONTROL: BUTTON-OPERATED CLUTCH					●		●		●		●	
TRANSMISSION												
SPEED SIX + CREEPER + REV.SHUTTLE. 36FWD + 36REV					●		●		●		●	
SYNCHRONISED MECHANICAL REVERSE POWER SHUTTLE					●		●		●		●	
TOP-TRONIC + SPEED SIX + CREEPER 108AV+36RM					●		●		●		●	
REVERSE POWER SHUTTLE: REVERSE POWER SHUTTLE UNDER LOAD					●		●		●		●	
CRUISE CONTROL: AUTOMATIC ENGINE SPEED CONTROL					●		●		●		●	
P.T.O.												
MECHANICAL ENGAGEMENT BY LEVER					●		●		●		●	
CLUTCH OIL-IMMERSED MULTI-DISK PTO					●		●		●		●	
ELECTROHYDRAULIC ENGAGEMENT					●		●		●		●	
2 SPEEDS: 540/1000 RPM					●		●		●		●	
4WD FRONT AXLE												
RIGID TYPE					●		●		●		●	
L.S.A."LANDINI SUSPENDED AXLE" - AXLE WITH HYDRAULIC SUSPENSIONS					○		○		○		○	
ELECTROHYDRAULIC 4WD ENGAGEMENT					●		●		●		●	
MAX. STEERING ANGLE 55°					●		●		●		●	
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS					●		●		●		●	
TURNING RADIUS WITHOUT BRAKES			IN. (MM)		210 (5350)		210 (5350)		210 (5350)		210 (5350)	
HYDRAULIC POWER LIFT												
MECHANICALLY OPERATED					●		●		●		●	
ELECTRONICALLY-OPERATED "LANDTRONIC"					Top Tronic		Top Tronic		Top Tronic		Top Tronic	
FUNCTIONS: POSITION CONTROL, INTERMIX, FLOAT POSITION, SHOCK ABSORBER					●		●		●		●	
LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS Ø 90 (100*)			LB.(KG)		15400 (7000)		15400 (7000)		15400 (7000)		18480 (8400)*	
HYDRAULIC FLOW @ REMOTE (MECHANICAL POWER LIFT)			GPM (L/MIN)		18 (67.7)		18 (67.7)		18 (67.7)		18 (67.7)	
TOTAL HYDR. FLOW (MECHANICAL POWER LIFT)			GPM (L/MIN)		28 (105.7)		28 (105.7)		28 (105.7)		28 (105.7)	
HYDRAULIC FLOW @ REMOTE (ELECTR. POWER LIFT)			GPM (L/MIN)		23 (87) Top Tronic		23 (87) Top Tronic		23 (87) Top Tronic		23 (87) Top Tronic	
TOTAL HYDR. FLOW (ELECTR. POWER LIFT)			GPM (L/MIN)		33 (125) Top Tronic		33 (125) Top Tronic		33 (125) Top Tronic		33 (125) Top Tronic	
AUXILIARY VALVES MAX. NR° STD/OPT					3/5 3/5		3/5 3/5		3/5 3/5		3/5	
STD AUXILIARY VALVES					5 Top Tronic		5 Top Tronic		5 Top Tronic		5 Top Tronic	
ELECTROHYDRAULIC DIVERTER FOR AUXILIARY VALVE					Top Tronic		Top Tronic		Top Tronic		Top Tronic	
CAB AND DRIVING SEAT												
AIR-CONDITIONING					●		●		●		●	
MECHANICAL SEAT					●		●		●		●	
PNEUMATIC SUSPENSION SEAT					○		○		○		○	
PNEUMATIC SUSPENSION SEAT					Top Tronic		Top Tronic		Top Tronic		Top Tronic	
DIMENSIONS AND WEIGHTS												
STD REAR TYRES					480/70R38		520/70R38		520/70R38		600/65R42	
A HEIGHT OVER CAB			IN. (MM)		109 (2780)		109 (2780)		110 (2800)		110 (2800)	
B WHEELBASE			IN. (MM)		110 (2800)		110 (2800)		110 (2800)		110 (2800)	
C MAX. LENGTH (WITH BALLAST WEIGHTS)			IN. (MM)		202,5 (5145)		202,5 (5145)		214,5 (5450)		214,5 (5450)	
D GROUND CLEARANCE			IN. (MM)		20,5 (520)		20,5 (520)		21 (540)		21,5 (550)	
E MIN/MAX WIDTH			IN. (MM)		81/100 (2060/2560)		87/103 (2212/2612)		86/109 (2180/2784)		94/113 (2384/2884)	
TOTAL WEIGHT (WITHOUT BALLAST WEIGHTS)			LB.(KG)		12760 (5800)		12760 (5800)		13090 (5950)		13750 (6250)	

Key: ● standard ○ option - not available *power estimated by manufacturer
NB: TOP-TRONIC and COMFORT are equal, unless otherwise specified in the table



Landpower

125 - 135 - 145 - 165 - 180 TDI
TECHNO - COMFORT - TOP-TRONIC



Landpower[®]

An Italian story





NEW F.P.T NEF 2V SERIES TIER 3 ENGINES WITH NEW TILTING HOOD.

ALL LANDPOWER TRACTORS FEATURE 6-CYLINDER TURBO ENGINES WITH *AIR-TO-AIR INTERCOOLER* AND MECHANICAL INJECTION SYSTEM.

QUIET AND FUEL-EFFICIENT, THE NEF 2V SERIES ENGINES MEET THE TIER 3 EMISSIONS REGULATIONS AND PROVIDE CONSTANT POWER AND HIGH TORQUE BACKUP FOR A GREAT FLEXIBILITY OF USE.

THE TILTING HOOD PROVIDES EASY ACCESS TO THE ENGINE FOR ROUTINE SERVICE AND MAINTENANCE. > FIG. A

LSA AXLE WITH HYDRAULIC SUSPENSIONS (LANDINI SUSPENDED AXLE).

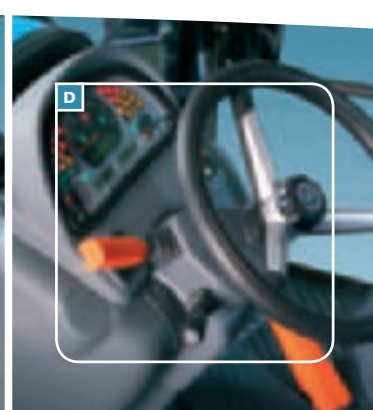
THE ELECTRONICALLY-CONTROLLED SUSPENDED AXLE ENSURES HIGH SPEEDS ON ROUGH GROUNDS AND IMPROVES TRACTION AND MANOEUVRABILITY FOR ENHANCED COMFORT, SAFETY AND PRODUCTIVITY, WHILE KEEPING GROUND CLEARANCE UNALTERED. > FIG. B

FRONT POWER LIFT FOR ADDED VERSATILITY (OPTIONAL).

THE FRONT POWER LIFT WITH CAT. 2 HITCH PROVIDES THE MAIN RAISING/LOWERING AND FLOATG FUNCTIONS AND ENSURES A MAXIMUM LIFT CAPACITY OF 7700 LB. (3500 KG). THE FRONT POWER LIFT HAS BEEN SPECIALLY DESIGNED TO ENHANCE THE VERSATILITY OF THE LANDPOWER TRACTOR RANGE. > FIG. B

TOP-TRONIC TRANSMISSION (108FWD + 36REV) WITH DE-CLUTCH CONTROL AND REVERSE POWER SHUTTLE

THE *TOP-TRONIC* TRANSMISSION TRIPLES UNDER LOAD THE 36 SPEEDS OF THE BASIC TRANSMISSION OFFERING A TOTAL CHOICE OF 108 FORWARD 36 REVERSE GEARS. THE *TOP-TRONIC* IS ACTIVATED WITH THE GREEN BUTTONS INTEGRATED IN THE GEAR LEVER. THE *DE-CLUTCH CONTROL* (ORANGE BUTTON ON THE GEAR LEVER) (FIG. C) AND THE REVERSE POWER SHUTTLE (LEVER UNDER THE STEERING WHEEL) (FIG. D) ENABLE CLUTCH-LESS ENGAGEMENT AND REVERSAL OF ALL GEARS.



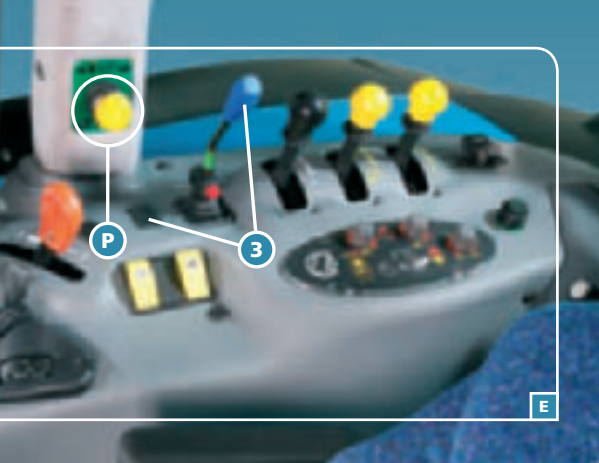


LANDPOWER, A WORLD OF TECHN



BUSINESS CLASS
FITTED AIR-CONDITIONING
THE CAB MOUNTED PLATFORM FEATURES A CONVENIENTLY ACCESSIBLE LATEST ERGONOMICS FOR COMFORT AND AIR-CONDITIONING. THE CAB ROOF WITH COLOUR CHANGING LED LIGHTS IN TERMS OF SAFETY. THE CAB ROOF ARE ALSO PARTICULARLY USEFUL WITH THE EIGHT LIGHTS

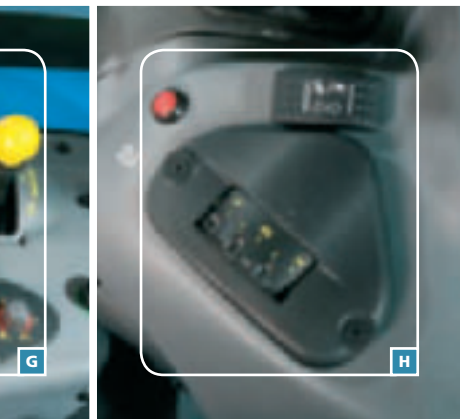
NOLOGY AT YOUR SERVICE.



NEW ELECTRONIC LANDTRONIC POWER LIFT WITH SHOCK ABSORBER.

THE NEW ELECTRONICALLY-CONTROLLED LANDTRONIC POWER LIFT WITH RATIONALLY-ARRANGED CONTROLS LOCATED IN ERGONOMIC POSITION ON THE CONSOLE (FIG. H) INCORPORATES ALL MAIN FUNCTIONS AND REGULATIONS (FIG. G) OFFERING MAXIMUM COMFORT AND FINGERTIP CONTROL OF IMPLEMENTS.

THE *SHOCK-ABSORBER* IS A FEATURE DESIGNED TO DAMPEN SHOCK LOADS AND PITCHING CAUSED BY THE WEIGHT OF IMPLEMENT DURING TRANSPORT FOR SAFE AND COMFORTABLE DRIVING ON ROAD.



HIGH-PERFORMANCE HYDRAULICS AND VERSATILITY OF AUXILIARY VALVES.

THE HYDRAULIC SYSTEM PROVIDES A MAXIMUM TOTAL FLOW RATE OF 33 GPM (125 LT/MIN).

THE SYSTEM FEATURES 5 AUXILIARY VALVES OF DIFFERENT TYPE; CONTROLLED BY *JOY-STICK* FOR FRONT LOADER USE (1); CONTROLLED BY LEVER (2); WITH ELECTROHYDRAULIC FLOW DIVERTER CONTROLLED BY BUTTON (3). THE FLOW DIVERTER ENABLES TO ALTERNATELY ACTIVATE THE RIGHT LIFTING ROD, THE TOP LINK OR THE VALVE ITSELF, THUS BRINGING THE NUMBER OF REAR AUXILIARY VALVES FROM 5 TO 7 FOR ENHANCED VERSATILITY AND INCREASED IMPLEMENT EFFICIENCY. > FIG. E - F

HYDRA PTO: 2-SPEED PTO WITH HYDRAULIC ENGAGEMENT.

THE WET DISC CLUTCH, OPERATED BY A HYDRAULIC PUSHBUTTON (P) (FIG. E), ENABLES SMOOTH AND PROGRESSIVE ENGAGEMENT OF THE PTO.

THE 1³/₈ PTO PROVIDES TWO SPEEDS OF 540/1000 RPM.



ASS CAB WITH ROOF-CONDITIONING.

ON A SILENT-BLOCK SUSPENDED PLATFORM. ACCURATE INTERIORS WITH CONTROLS ARRANGED IN ACCORDANCE WITH THE EC STANDARDS. THE HEATING/VENTILATION/CLIMATE-CONTROL SYSTEM IS FITTED ON THE CAB PROVIDING CONSIDERABLE BENEFITS FOR THE DRIVER'S COMFORT, SAFETY AND HEALTH. INTEGRATED IN THE ROOF THERE IS ALSO A CLEAR SLIDING SUNROOF, PARTICULARLY USEFUL WHEN WORKING WITH FRONT LOADERS, TO PROVIDE NATURAL LIGHT FOR NIGHT WORK. > FIG. I

