

NEW

Landpower

125 - 135 - 145 - 165 *TECHNO / COMFORT*



LandPower®



NEW LANDPOWER: "MASTER CLASS" CAB, TIER 3 ENGINES, MECHANICAL OR ELECTRONIC TRANSMISSION

The new *Landpower* series comes to the market in a completely revamped version. Updates include a new *Master Class* four-post cab with large glazed areas and ergonomically-arranged controls.

The cab design, along with the sloping line of the hood reflecting the Landini *family style*, provides unobstructed view in all directions, thereby improving manoeuvrability and driving comfort.

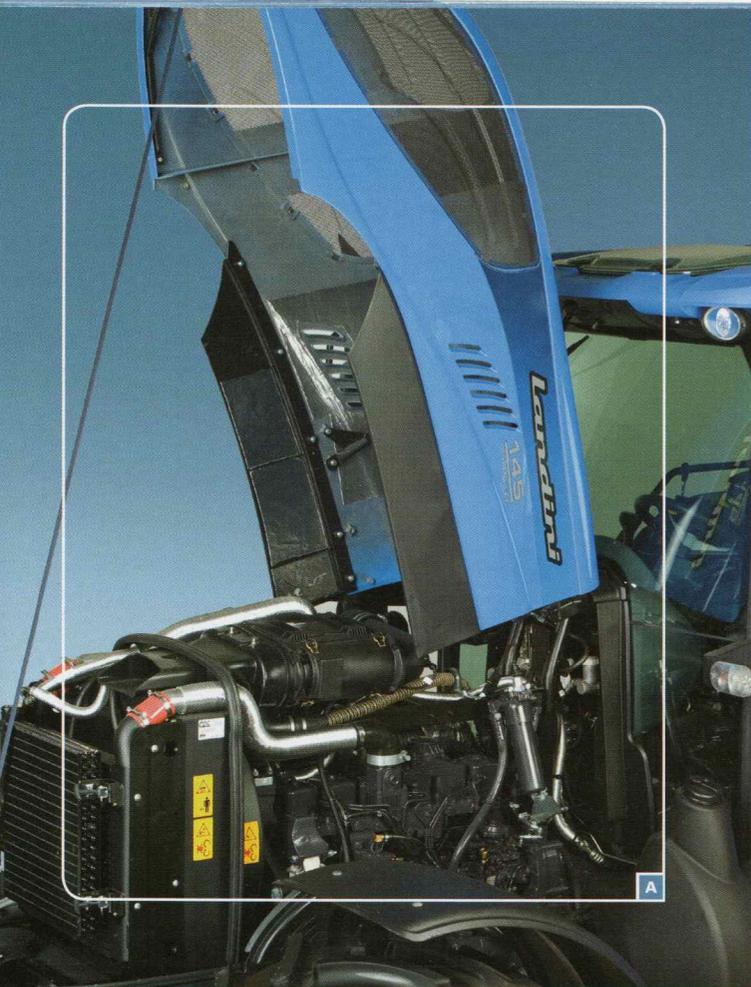
The new *Landpower* offers a choice of two transmissions: a *Speed Six* mechanical transmission (18FWD+18REV) for the **Techno version** and a *T-Tronic* electronic transmission (54FWD+18REV) with *Declutch* control and *Reverse Power Shuttle* for the **Comfort version**. Both transmissions can be optionally equipped with a creeper, making this tractor equally suited for both field work and road transport operations.

The PTO with wet multi-disc clutch is electro-hydraulically operated via a push-button.

The hydraulic system delivers a maximum flow rate of 125 l/min and the power lift with twin assistor rams provides a lift capacity of up to 8400 kg. The system also features five remote valves for the maximum versatility of use.

The four *Landpower* models are powered by the very latest generation of *F.P.T. NEF* 6-cylinder turbo engines with air-to-air intercooler, meeting the *TIER 3* emission standards. The new engines deliver 117, 133, 141 and 157 HP (ISO ratings), respectively, while providing exceptional torque levels.





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 OFFERS EASY ACCESS TO THE ENGINE COMPARTMENT FOR ROUTINE SERVICE AND MAINTENANCE. > FIG. A

FRONT AXLE WITH 55° STEERING ANGLE.

THE 4WD FRONT AXLE INCORPORATES ADVANCED FEATURES INCLUDING CENTRAL DRIVE, HYDRALOCK DIFFERENTIAL LOCK, OIL-COOLED DISC BRAKES AND HYDRAULIC FOUR-WHEEL DRIVE ENGAGEMENT. IN ADDITION, ITS HIGH GROUND CLEARANCE COMBINED WITH A 55-DEGREE STEERING ANGLE MAKES FOR EASY, QUICK MANEUVERING IN TIGHT SPACES. > FIG. B

FRONT POWER LIFT FOR ADDED VERSATILITY (OPTIONAL).

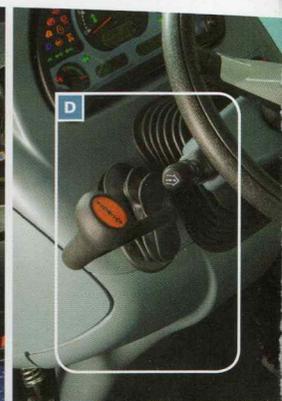
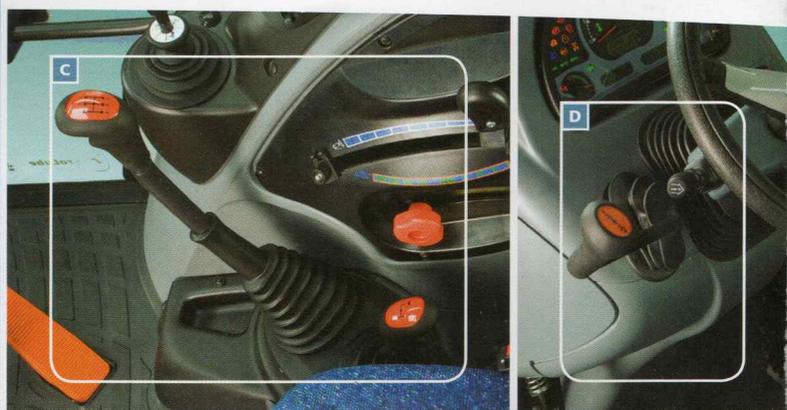
SPECIALLY DESIGNED TO ENHANCE THE VERSATILITY OF THE LANDPOWER TRACTOR RANGE, THE FRONT POWER LIFT WITH CAT. 2 THREE-POINT HITCH PROVIDES RAISE/LOWER AND FLOAT CONTROL FUNCTIONS AND ENSURES A LIFT CAPACITY OF UP TO 3500 KG.

CHOICE OF TWO TRANSMISSIONS FOR MAXIMUM VERSATILITY: SPEED SIX AND T-TRONIC.

THE SPEED SIX TRANSMISSION FEATURES SIX SPEEDS IN THREE RANGES PROVIDING A TOTAL OF 18 FORWARD AND 18 REVERSE SPEEDS WITH THE SYNCHRONISED REVERSE SHUTTLE. THE TRACTOR MAY BE OPTIONALLY EQUIPPED WITH A CREEPER THAT CAN BE ENGAGED WHEN THE SHIFT LEVER IS IN THE LOW RANGE POSITION. THIS OPTION WILL PROVIDE 18 CREEP SPEEDS, STARTING FROM 0.3 KM/H, RESULTING IN A TOTAL OF 36 FORWARD AND 36 REVERSE SPEEDS. > FIG. C

THE SYNCHRONISED SHUTTLE, WITH LEVER PLACED TO THE LEFT OF THE STEERING WHEEL, ALLOWS THE OPERATOR TO MANUALLY SHIFT FORWARD TO REVERSE, THEREBY MAKING HEADLAND TURNS AND FRONT LOADER WORK EASIER. > FIG. D

AS AN ALTERNATIVE, THE LANDPOWER CAN BE EQUIPPED WITH THE T-TRONIC TRANSMISSION, INCLUDING A DE-CLUTCH CONTROL AND A REVERSE POWER SHUTTLE, WHICH TRIPLES UNDER LOAD THE 18 GEARS OF THE BASIC TRANSMISSION PROVIDING A TOTAL OF 54 FORWARD AND 18 REVERSE SPEEDS. A CREEPER IS AVAILABLE AS AN OPTION TO INCREASE THE NUMBER OF SPEEDS TO 108 FORWARD AND 36 REVERSE. THE DE-CLUTCH CONTROL BUTTON AND THE POWER SHUTTLE LEVER ALLOW THE OPERATOR TO CHANGE GEAR AND SHIFT FROM FORWARD TO REVERSE WITHOUT USING THE CLUTCH PEDAL.





LANDPOWER, RELIABILITY



**HYDRAULIC
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(LANDTRO)**

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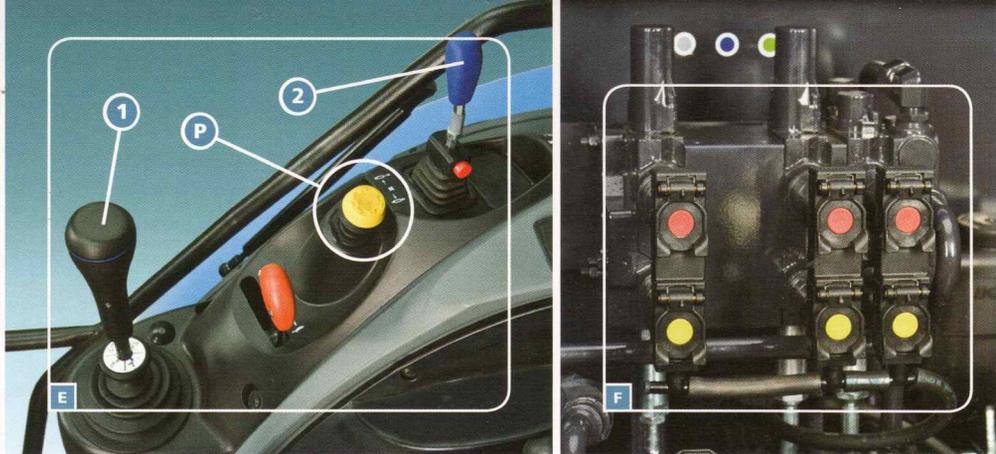
AT YOUR SERVICE

MECHANICALLY-CONTROLLED POWER LIFT WITH EITHER CATALYTIC OR ELECTRONIC CONTROL (LANDTRONIC).

MECHANICALLY-CONTROLLED POWER LIFT WITH CAT. II THREE-POINT HITCH PROVIDES POSITION, DRAFT, INTERMIX CONTROL FUNCTIONS, ENSURING A MAXIMUM LIFT CAPACITY

LOCATED TO THE DRIVER'S RIGHT, THE POWER LIFT IS SIMPLE AND INTUITIVE AND ALLOW PRECISE CONTROL IMPLEMENT. > FIG. G-H

MECHANICALLY-CONTROLLED POWER LIFT (LANDTRONIC) IS THE COMFORT VERSION TO ENHANCE IMPLEMENT MORE PRECISE OPERATION.



HIGH PERFORMANCE HYDRAULICS AND HIGHLY VERSATILE REMOTE VALVES.

THE HYDRAULIC CIRCUIT PROVIDES A MAXIMUM TOTAL FLOW OF 125 L/MIN. THE SYSTEM FEATURES FIVE REMOTE VALVES, TWO CONTROLLED BY A JOYSTICK (1) FOR CONVENIENT FRONT LOADER OR FRONT POWER LIFT OPERATION, AND THREE CONTROLLED BY LEVERS (2). > FIG. E

REMOVALS ARE ALSO USED TO OPERATE THE HYDRAULIC TOP LINK AND RIGHT LIFTING ROD, SUPPLIED AS OPTIONS.

THE HIGH-QUALITY QUICK-RELEASE COUPLINGS, MOUNTED ON THE REAR OF THE TRACTOR, ARE EASILY ACCESSIBLE FOR CONVENIENT AND FAST OPERATION. > FIG. 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.

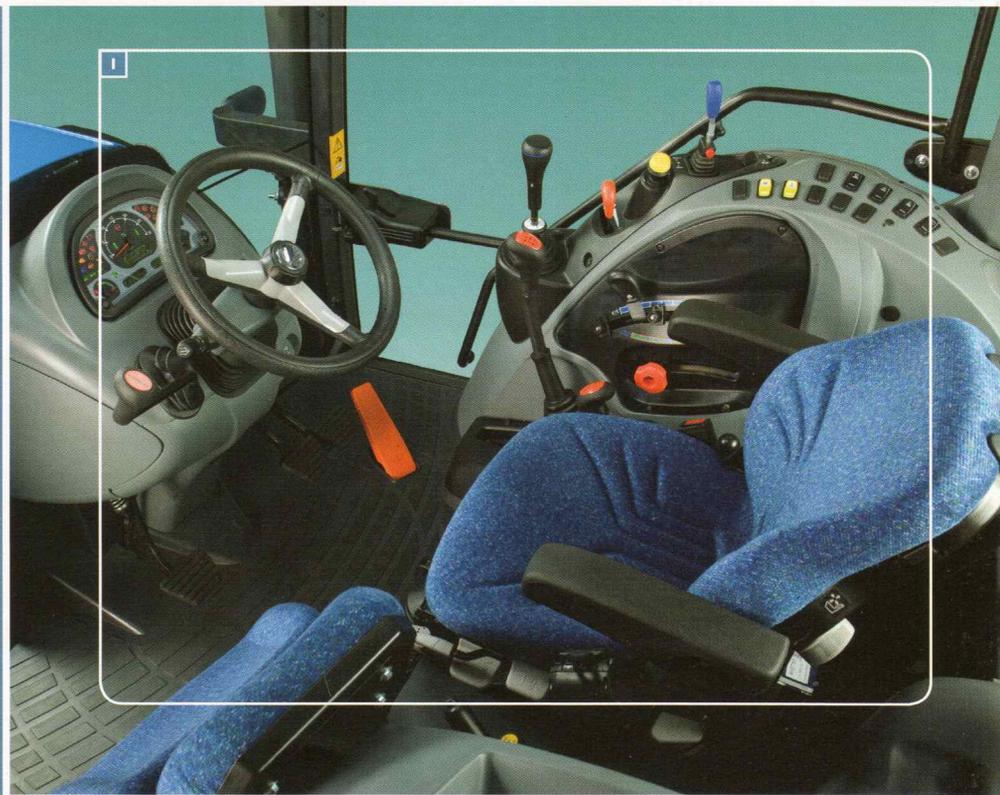
THE 1 3/8" PTO PROVIDES TWO SPEEDS OF 540/1000 RPM.

"MASTER CLASS" CAB FOR EXCELLENT VISIBILITY AND UNPARALLELED COMFORT.

"MASTER CLASS" CAB FEATURES A FOUR-POST DESIGN WITH LARGE, REAR-HINGED DOORS WHICH PROVIDE EXCELLENT ALL-ROUND VISIBILITY AND ALLOW OPERATOR TO ENTER AND EXIT WITH EASE. THE DESIGN OF THE INTERIOR, THE HIGH QUALITY COMPONENTS, THE ERGONOMICALLY-ARRANGED CONTROLS AND THE EXCELLENT SOUND-PROOFING ENHANCE THE OPERATOR'S COMFORT.

ROOF HATCH PROVIDES EXTRA VISIBILITY AND ACCURATE LOADER WORK.

WITH PNEUMATIC SUSPENSION SEAT, STEERING WHEEL AND AN EFFICIENT CLIMATE CONTROL SYSTEM, THE CAB CREATES A COMFORTABLE ENVIRONMENT FOR LONG HOURS IN THE FIELD. TEN POWERFUL HALOGEN LAMPS PROVIDE EXCELLENT VISIBILITY DURING NIGHT WORK. > FIG. I



Landini®

	LANDPOWER 125		LANDPOWER 135		LANDPOWER 145		LANDPOWER 165	
	TECHNO	COMFORT	TECHNO	COMFORT	TECHNO	COMFORT	TECHNO	COMFORT
ENGINE								
F.P.T. TURBO/AIR-AIR INTERCOOLER (TIER 3)		NEF 2V		NEF 2V		NEF 2V		NEF 2V
MAX. ENGINE POWER (ISO)	HP/KW	117/86		133/98		141/104		157/116
RATED SPEED	RPM	2200		2200		2200		2200
MAX. TORQUE	LB. (NM)	380 (515)		435 (590)		461 (625)		509 (691)
BORE/STROKE	IN. (MM)	4.1/5.2 (104/132)		4.1/5.2 (104/132)		4.1/5.2 (104/132)		4.1/5.2 (104/132)
NR. OF CYLINDERS/DISPLACEMENT	CU. IN. (CM³)	6 / 410 (6728)		6 / 410 (6728)		6 / 410 (6728)		6 / 410 (6728)
FUEL TANK CAPACITY	GAL. (LT)	68 (260)		68 (260)		68 (260)		68 (260)
CLUTCH								
DRY SINGLE-PLATE CLUTCH	14" (355 MM)	•		•		•		•
MECHANICALLY OPERATED		•		•		•		•
MULTI-DISC WET CLUTCH			•		•		•	
DE-CLUTCH CONTROL: BUTTON-OPERATED CLUTCH			•		•		•	
TRANSMISSION								
SPEED SIX + REV. SHUTTLE. 18FWD + 18REV		•		•		•		•
SPEED SIX + CREEPER + REV. SHUTTLE 36FWD + 36REV		○		○		○		○
SPEED SIX + T-TRONIC + HYDR. REV. SHUTTLE 54FWD + 18REV			•		•		•	
SPEED SIX + T-TRONIC + CREEPER + HYDR. REV. SHUTTLE 108FWD + 36REV		○		○		○		○
BAR-AXLE TYPE		-		-		○		○
P.T.O.								
ELECTROHYDRAULIC CONTROL		•		•		•		•
HYDRA - P.T.O. - WET MULTI-DISC CLUTCH		•		•		•		•
2 SPEEDS: 540/1000 RPM		•		•		•		•
GROUND SPEED PTO		•		•		•		•
1" 3/8 PTO SHAFT WITH 21 SPLINES		•		•		•		•
1" 3/8 PTO SHAFT WITH 6 SPLINES		○		○		○		○
NET PTO POWER (ISO)	HP/KW	100/73		114/83		120/88		135/99
4WD FRONT AXLE								
RIGID TYPE		•		•		•		•
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)
BRAKES (INTEGRAL BRAKING SYSTEM)								
REAR WET DISC GRAPHITE BRAKES - 10 DISCS		○		○		○		○
FRONT WET DISC GRAPHITE BRAKES - 4 DISCS		○		○		○		○
HYDRAULIC POWER LIFT								
MECHANICALLY OPERATED		•		•		•		•
ELECTRONICALLY OPERATED "LANDTRONIC"			•		•		•	
FUNCTIONS: POSITION CONTROL, INTERMIX, FLOAT POSITION, SHOCK ABSORBER		•		•		•		•
LIFTING CAPACITY WITH 2 ASSISTOR RAMS Ø 90 (100")	LB. (KG)	15400 (7000)		15400 (7000)		15400 (7000)		18480 (8400)*
HYDRAULIC FLOW @ REMOTES (MECHANICAL POWER LIFT)	GPM (L/MIN)	18 (67.7) •		18 (67.7) •		18 (67.7) •		18 (67.7) •
TOTAL HYDR. FLOW HITCH + STEERING FOR MECHANICAL POWER LIFT	GPM (L/MIN)	28 (105.7) •		28 (105.7) •		28 (105.7) •		28 (105.7) •
HYDRAULIC FLOW @ REMOTES (ELECTR. POWER LIFT)	GPM (L/MIN)	23 (87) •		23 (87) •		23 (87) •		23 (87) •
TOTAL HYDR. FLOW HITCH + STEERING FOR ELECTR. POWER LIFT	GPM (L/MIN)	33 (125) •		33 (125) •		33 (125) •		33 (125) •
HYDRAULIC ADJUSTMENT OF RIGHT LIFTING ROD AND TOP LINK		○		○		○		○
AUXILIARY VALVES STD/OPT		3/5		3/5		3/5		3/5
FRONT POWER LIFT								
MECHANICALLY OPERATED (RAISING/LOWERING AND FLOAT POSITION)		○		○		○		○
LIGHTWEIGHT TYPE - LIFT CAPACITY 6160 LB. (2800 KG)		○		○		○		○
HEAVY TYPE - LIFT CAPACITY 7700 LB. (3500 KG)		-		-		-		-
CAT. 2 THREE-POINT LINKAGE		○		○		○		○
CAB AND DRIVING SEAT								
"MASTER CLASS" CAB/RADIO FITTING FACILITY		•		•		•		•
AIR-CONDITIONING		•		•		•		•
MECHANICAL SEAT		•		•		•		•
PNEUMATIC SUSPENSION SEAT		○		○		○		○
DIMENSIONS AND WEIGHTS								
STD FRONT TYRES		14.9R28		420/70R28		480/65R28		540/65R28
STD REAR TYRES		18.4R38		520/70R38		600/65R38		650/65R38
A - HEIGHT OVER CAB	IN. (MM)	117,5 (2980)		117,5 (2980)		117,5 (2980)		117,5 (2980)
B - WHEELBASE	IN. (MM)	110 (2800)		110 (2800)		110 (2800)		110 (2800)
C - MAX. LENGTH (WITH BALLAST WEIGHTS)	IN. (MM)	210,5 (5345)		210,5 (5345)		212,5 (5400)		220,5 (5610)
D - GROUND CLEARANCE	IN. (MM)	19,5 (500)		19,5 (500)		19,5 (500)		19,5 (500)
E - MIN/MAX WIDTH	IN. (MM)	56,5/64 (2220/2520)		56,5/64 (2220/2520)		56,5/64 (2220/2520)		57/64 (2250/2520)
TOTAL WEIGHT (WITHOUT BALLAST WEIGHTS)	LB. (KG)	13200 (6000)		13200 (6000)		13200 (6000)		13750 (6250)

Key: • standard ○ option - not available

