

# NEW LANDPOWER, TIER 3 ENGINES, MECHANICAL GEARBOX, UNEQUALLED COMFORT FOR UTMOST RELIABILITY

The new *Landpower* is powered with the new F.T.P. NEF 6-cylinder turbo engines. Equipped with air-to-air intercooler, the new engines comply with *TIER 3* emission standards and deliver 117, 133, 141 and 157 HP (ISO ratings) providing exceptional torque and power levels.

The *Speed Six* mechanical transmission can be combined with a creep option and a mechanical reverse power shuttle, with control lever fitted under the steering wheel, to achieve 36 forward and 36 reverse speeds, thus making the *Landpower* ideal for all open-field applications as well as for high-speed road transport.

The hydraulic circuit features a maximum flow rate of 105 l/min. The power lift with two additional cylinders provides a lifting capacity of up to 8400 kg.

The system features 5 *Bosch* type auxiliary control valves for utmost versatility.

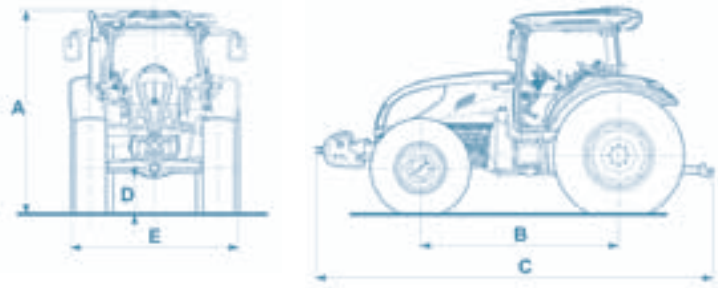
The new 4-post *Master Class* cab provides a comfortable driving position with ergonomically arranged controls. The air conditioning, installed on the cab roof, ensures the driver a safe and healthy work environment.

The plunging line of the hood reflects the Landini *Family style*, and the generously sized windows ensure an ultimate all-round visibility for enhanced manoeuvrability and driving comfort.



		LANDPOWER 125 TECHNO	LANDPOWER 135 TECHNO	LANDPOWER 145 TECHNO	LANDPOWER 165 TECHNO
<b>ENGINE</b>					
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
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. (CM <sup>3</sup> )	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)
<b>CLUTCH</b>					
DOUBLE-PLATE DRY CLUTCH	14" (355 MM)	●	●	●	●
MECHANICALLY OPERATED		●	●	●	●
<b>TRANSMISSION</b>					
SPEED SIX + REV.SHUTTLE. 18FWD + 18REV		●	●	●	●
SPEED SIX + CREEPER + REV.SHUTTLE. 36FWD + 36REV		○	○	○	○
SYNCHRONISED MECHANICAL REVERSE SHUTTLE		●	●	●	●
BAR-AXLE TYPE		-	-	○	○
<b>P.T.O.</b>					
ELECTROHYDRAULIC CONTROL		●	●	●	●
HYDRA - P.T.O. - OIL-IMMERSED MULTI-DISC PTO		●	●	●	●
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
<b>4WD FRONT AXLE</b>					
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)
<b>BRAKES (INTEGRAL BRAKING SYSTEM)</b>					
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES 10 DISCS		○	○	○	○
OIL-IMMERSED GRAPHITE-COATED FRONT BRAKES 4 DISCS		○	○	○	○
<b>HYDRAULIC POWER LIFT</b>					
MECHANICALLY OPERATED		●	●	●	●
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 ADJUSTMENT OF RIGHT LIFTING ROD AND TOP LINK		○	○	○	○
AUXILIARY VALVES MAX. NR° STD/OPT		3/5	3/5	3/5	3/5
<b>FRONT POWER LIFT</b>					
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		○	○	○	○
<b>CAB AND DRIVING SEAT</b>					
"MASTER CLASS" CAB/AUTO-RADIO FITTING FACILITIES		●	●	●	●
AIR-CONDITIONING		●	●	●	●
MECHANICAL SEAT		●	●	●	●
PNEUMATIC SUSPENSION SEAT		○	○	○	○
<b>DIMENSIONS AND WEIGHTS</b>					
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



NEW

# Landpower

125 - 135 - 145 - 165



LandPower®





**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

**FRONT AXLE WITH 55° STEERING ANGLE.**

THE 4WD FRONT AXLE WITH CENTRAL TRANSMISSION, *HYDRALOCK* DIFFERENTIAL LOCK, OIL-COOLED FRONT BRAKES, HYDRAULIC ENGAGEMENT OF THE FOUR WHEEL DRIVE, HIGH GROUND CLEARANCE AND A 55° STEERING ANGLE, BESIDES REPRESENTING THE STATE OF THE ART IN TERMS OF TECHNICAL SOLUTIONS, MAKES THE TRACTOR HIGHLY MANOEUVRABLE AND SAFE TO USE. > 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

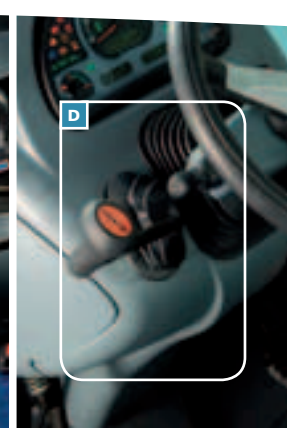
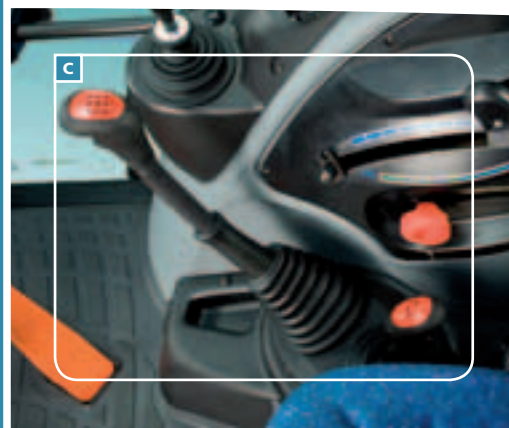
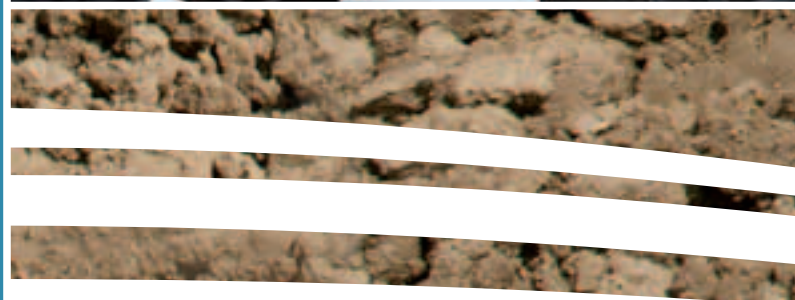
**SPEED SIX GEARBOX WITH CREEPER FOR UTMOST VERSATILITY**

THE *SPEED SIX* TRANSMISSION IS BASED ON 6 SPEED RATIOS OVER 3 RANGES AND PROVIDES A TOTAL OF 18 FORWARD AND 18 REVERSE SPEEDS WITH THE SYNCHRONIZED REVERSE SHUTTLE.

A CREEPER CAN ALSO BE FITTED AS AN OPTION. THIS CAN BE ENGAGED IN THE SLOW RANGE AND PROVIDES A FURTHER 18 ULTRA-SLOW FORWARD SPEEDS, BEGINNING AT 0,3 KPH, THUS A TOTAL OF 36 FORWARD SPEEDS. > FIG. C

THE SYNCHRONIZED REVERSE SHUTTLE ALLOWS THE DRIVING DIRECTION TO BE MECHANICALLY REVERSED BY SIMPLY MOVING THE SMALL LEVER ON THE LEFT HAND NEAR THE STEERING WHEEL, THUS FACILITATING HANDLING JOBS OR WORKS WITH FRONT LOADERS AND ENSURING SAFE AND QUICK HEADLANDS MANOEUVERS. > FIG. D

THE REVERSE SHUTTLE PROVIDES A TOTAL OF 36 FORWARD AND 36 REVERSE SPEEDS.





**LANDPOWER, RELIABILITY**



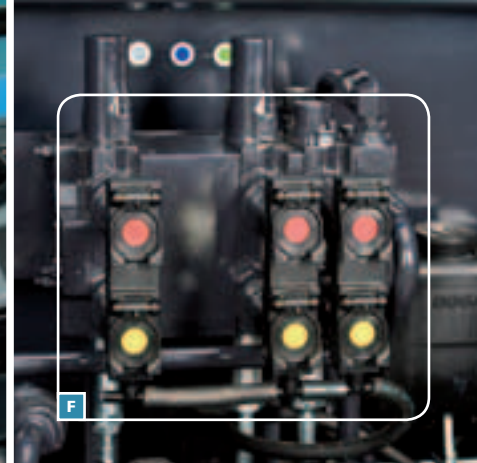
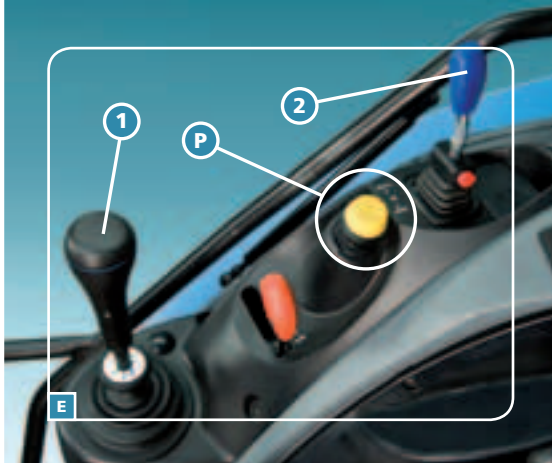
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**AT YOUR SERVICE**

## MECHANICALLY CONTROLLED HYDRAULIC POWER LIFT .

MECHANICALLY CONTROLLED HYDRAULIC POWER LIFT POSITION, DRAFT CONTROL, *INTERMIX* AND FLOAT AND WITH CAT. II AND III THREE POINT LINKAGE, IS EARLY RUGGED AND PROVIDES A LIFTING CAPACITY (E.G. POWER LIFT CONTROLS ARE EASY TO UNDERSTAND AND ARRANGED IN ERGONOMIC POSITION ON RIGHT-SIDE OF THE DRIVER'S SEAT FOR MAXIMUM COMFORT AND EASY CONTROL OF IMPLEMENTS. > FIG. G - H



## HIGH PERFORMANCE HYDRAULICS AND VERSATILITY OF AUXILIARY CONTROL VALVES.

THE HYDRAULIC CIRCUIT PROVIDES A MAXIMUM TOTAL FLOW OF 105 L/MIN. THE SYSTEM FEATURES 5 AUXILIARY CONTROL VALVES OF DIFFERENT TYPE: 2 AUXILIARY VALVES ARE CONTROLLED BY A *JOYSTICK* (1) FOR EASY AND COMFORTABLE USE OF FRONT LOADER OR FRONT LIFT WHILE THE REMAINING ARE CONTROLLED BY LEVERS (2). > FIG. E CONTROL VALVES ARE ALSO USED TO CONTROL THE RH HYDRAULIC ROD AND THE HYDRAULIC 3RD POINT AVAILABLE ON REQUEST. THE ERGONOMICALLY ARRANGED AND HIGH QUALITY REAR QUICK COUPLINGS ALLOW FOR EASY IMPLEMENT HITCHING, THUS PROVIDING UTMOST COMFORT AND TIME SAVINGS. > 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<sup>3</sup>/<sub>8</sub> PTO PROVIDES TWO SPEEDS OF 540/1000 RPM.

## "MASTER CLASS" CAB MAXIMIZED COMFORT AND WIDE VISIBILITY

THE POST *MASTER CLASS* CAB WITH ITS GENEROUSLY HINGED DOORS, PROVIDES AN OUTSTANDING WIDE VISIBILITY.

FOR EASY ACCESS TO THE DRIVING AREA, THE HIGH POSITION OF INTERNAL COMPONENTS, THE DESIGN AND ERGONOMICS OF ALL CONTROLS TOGETHER WITH EFFECTIVE SOUND-PROOFING MAXIMIZE THE DRIVING COMFORT.

THE TRANSPARENT GLASS WINDOW AT THE TOP INCREASES VISIBILITY WHEN FRONT LOADERS ARE USED.

THE AUTOMATIC SEAT, THE ADJUSTABLE STEERING WHEEL, TOGETHER WITH THE OUTSTANDING AIR CONDITIONING SYSTEM MAKE IT POSSIBLE TO WORK FOR HOURS WITHOUT FEELING TIRED.

WORKING AT NIGHT IS ENSURED BY 10 WATT HALOGEN. > FIG. I

