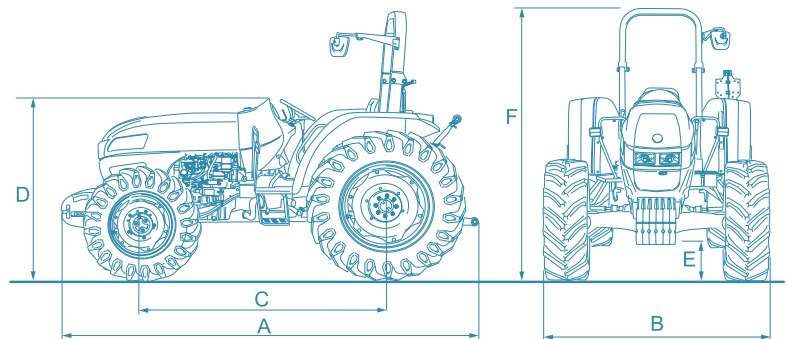




Landini®

	<b>TECHNOFARM 70 STD</b>		<b>TECHNOFARM 80 GT</b>	
<b>ENGINE</b>				
PERKINS DIRECT-INJECTION ENGINE (TIER 3)	1103D-33TA		1104D-44	
MAXIMUM POWER (ISO)	HP/KW	68/50	74/54,5	
RATED SPEED	RPM	2200	2200	
MAX. TORQUE	LB. (NM)	206 (280)	192 (261)	
NO. OF CYLINDERS /DISPLACEMENT	CU.IN. (CM³)	3 / 201 (3.300) TURBO AFTERCOOLER		4 / 268 (4.400)
MAX. TORQUE SPEED	RPM	1400		1400
BORE / STROKE	IN. (MM)	4/5 (105/127)		4/5 (105/127)
COMPRESSION RATIO		18,2:1		18,2:1
FUEL TANK CAPACITY	GAL. (LT)	17 (65)		17 (65)
<b>CLUTCH</b>				
INDEPENDENT DRY DUAL CLUTCH	IN.	12		12
<b>TRANSMISSION</b>				
SPEED FOUR + REVERSE SHUTTLE: 12FWD+12REV		●		●
SPEED FOUR + UNDERDRIVE + REVERSE SHUTTLE: 24FWD+24REV		○		○
MECHANICAL REVERSE SHUTTLE		●		●
MECHANICAL REAR DIFF-LOCK		●		●
<b>POWER TAKE-OFF</b>				
MECHANICAL CONTROL BY LEVER		●		●
2 SPEEDS 540/750 RPM		●		●
1" 3/8 (34.9 MM) PTO SHAFT WITH 6 SPLINES		●		●
GROUND SPEED PTO		●		●
NET PTO POWER (ISO)	HP/KW	58,5/47		64/47
<b>4WD FRONT AXLE</b>				
ELECTROHYDRAULIC 4WD ENGAGEMENT		●		●
LIMITED SLIP DIFFERENTIAL LOCK		●		●
MAX. STEERING ANGLE 4WD	DEGREES	55	48	55 48
MAX. STEERING ANGLE 2WD	DEGREES	56	—	56 —
<b>BRAKES</b>				
HYDROSTATIC CONTROL		●		●
REAR WET GRAPHITE BRAKES WITH 10 DISCS		●		●
AUTOMATIC 4WD ENGAGEMENT ON BRAKING		●		●
<b>HYDRAULIC POWER LIFT</b>				
MECHANICAL		●		●
STANDARD LIFT CAPACITY	LB. (KG)	5940 (2700)		5940 (2700)
HYDRAULIC FLOW @ REMOTE	GPM (LT/MIN)	11 (42)		11 (42)
TOTAL HYDRAULIC FLOW	GPM (LT/MIN)	16.2 (62)		16.2 (62)
CAT. 2 THREE-POINT LINKAGE		●		●
AUXILIARY VALVES STANDARD / OPTION		1 / 2		1 / 2
<b>DRIVING POSITION</b>				
SEMI-PLATFORM		●		●
ADJUSTABLE STEERING WHEEL		●		●
SPRUNG SEAT		●		●
ANALOG INSTRUMENT PANEL		●		●
<b>WEIGHTS AND DIMENSIONS</b>				
<b>WITH REAR TYRES</b>				
A - LENGTH 2WD AND 4WD (WITH BALLAST WEIGHTS)	IN. (MM)	420/70R30	380/70R28	420/70R30 380/70R28
B - MINIMUM WIDTH	IN. (MM)	160 (4068)	160 (4068)	164 (4180) 164 (4180)
C - WHEELBASE 2WD	IN. (MM)	74.5 (1888)	69.5 (1766)	74.5 (1888) 69.5 (1766)
C - WHEELBASE 4WD	IN. (MM)	80.5 (2043)	—	85 (2155) —
D - HEIGHT TO STEERING WHEEL	IN. (MM)	80 (2030)	80 (2030)	84.5 (2147) 84.5 (2147)
E - GROUND CLEARANCE 4WD	IN. (MM)	62 (1585)	60 (1530)	62 (1585) 60 (1530)
F - HEIGHT TO ROPS	IN. (MM)	16 (400)	13.5 (345)	16 (400) 13.5 (345)
WEIGHT 2WD	LB.(KG)	98 (2505)	96.5 (2450)	98 (2505) 96.5 (2450)
WEIGHT 4WD (WITHOUT BALLAST WEIGHTS)	LB.(KG)	5522 (2510)	—	5610 (2550) —
	LB.(KG)	5962 (2710)	5896 (2680)	6116 (2780) 6050 (2750)

Key: ● standard ○ option — not available



NEW

# Technofarm

70 - 80 STD / GT



Landini®

# TECHNOFARM STD AND GT, UTILITY TRACTORS, PERFECT FOR ORCHARD OPEN-FIELD WORK

The *Technofarm* STD and GT two- and four-wheel drive tractor series has been restyled adopting the simple and attractive new hood design with integrated rectangular headlights that is now used throughout the Landini range of specialised tractors.

The *Technofarm* models are powered by the new Perkins 1103D-33TA 3-cylinder *Turbo Aftercooler* engine and 1104D-44 4-cylinder naturally-aspirated engine delivering 68 and 74 HP, respectively. Specially designed for farming applications with state-of-the-art technical solutions, the new Perkins engines meet the *Tier 3* emission standards, while providing high power and torque levels with low operating costs.

The excellent power-to-weight ratio makes the STD version ideal for general field work, as well as for PTO and transport applications.

The GT version, with a narrower axle and a tighter turning radius, is built to easily manoeuvre between rows of crops.

The *Technofarm* tractor family has been designed to incorporate efficient and cost-effective technical solutions, while offering a perfect combination of ruggedness and reliability.

The transmission, with dual dry clutch and 12 forward and 12 reverse speed gearbox, features a fully synchronised mechanical reverse shuttle and can be optionally equipped with underdrive to achieve 24 forward and 24 reverse speeds. When the rear wet disc brakes are activated, the four-wheel drive is automatically engaged via a “spring-on” device, thus ensuring effective braking on all four wheels.

The roomy driving position, located on a suspended platform and equipped with side gear levers confirms the accuracy of the tractor design. The 17gal. (65-liter) tank, fitted between the engine compartment and the steering wheel, and the brake pedals hinged directly under the platform, give the *Technofarm* models a typical utility tractor configuration.

The new *Technofarm* range will surprise you with its simple design and ergonomic comfort.





## THE NEW PERKINS ENGINE (TIER 3)

THE NEW PERKINS 1103D-33TA 3-CYLINDER TURBO AFTERCOOLER ENGINE AND 1104D-44 4-CYLINDER NATURALLY-ASPIRATED ENGINE DELIVER 68 AND 74 HP, RESPECTIVELY. SPECIALLY DESIGNED FOR FARMING APPLICATIONS, THE NEW ENGINES INCORPORATE STATE-OF-THE-ART SOLUTIONS DESIGNED TO OPTIMISE THE AIR-FUEL MIXTURE, THEREBY IMPROVING COMBUSTION AND ENGINE EFFICIENCY. HIGHER HORSEPOWER AND TORQUE WITH LOWER OPERATING COSTS ARE THUS ACHIEVED. THE FORWARD TILTING HOOD PROVIDES EASY ACCESS TO THE ENGINE COMPARTMENT FOR ROUTINE SERVICE AND MAINTENANCE. >FIG. A



## TWO OPTIONS OF MODULAR TRANSMISSION

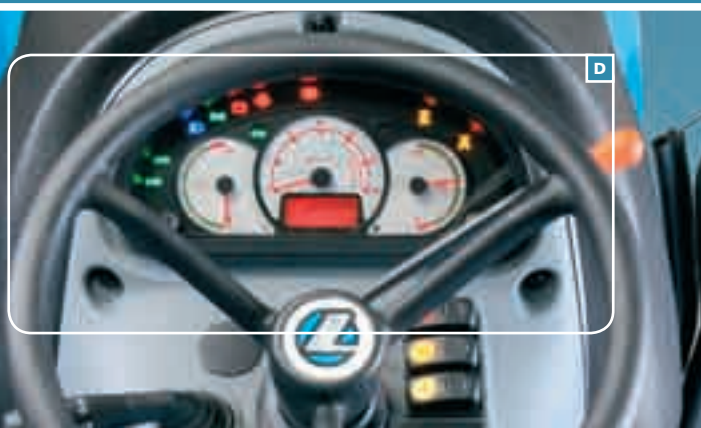
THE BASIC TRANSMISSION OFFERS 12 FORWARD AND 12 REVERSE SPEEDS AND CAN BE OPTIONALLY EQUIPPED WITH AN UNDERDRIVE PROVIDING A TOTAL OF 24 FORWARD AND 24 REVERSE SPEEDS.

THE UNDERDRIVE ALLOWS A WIDE RANGE OF SPEEDS TO BE ACHIEVED, FROM A MINIMUM OF 0.293 MPH (0.470 KPH) TO A MAXIMUM OF 23.7 MPH (38 KPH).

THE GEAR LEVERS ON THE DRIVER'S RIGHT, THE REVERSE SHUTTLE LEVER ON THE DRIVER'S LEFT AND THE SPEED AND RANGE LEVERS ARE ALL RATIONALLY-ARRANGED IN ERGONOMIC POSITION FOR ENHANCED DRIVING COMFORT. (FIG. C)

## SIMPLE AND STYLISH DASHBOARD WITH ANALOG INSTRUMENTS

THE DASHBOARD FEATURES ANALOG INSTRUMENTS FOR SIMPLE AND FAST READING AND PROVIDES THE OPERATOR WITH REAL-TIME INFORMATION FOR PROPER TRACTOR OPERATION. (FIG. D)

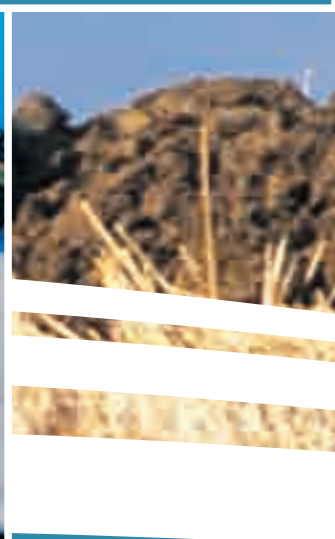


## LATEST-GENERATION FRONT AXLE

THE *TECHNOFARM* RANGE OFFERS TWO 4WD FRONT AXLE OPTIONS: A LARGE AXLE FOR THE STD MODEL AND A NARROW AXLE FOR THE GT MODEL OFFERING RESPECTIVELY A STEERING ANGLE OF 55° AND 48° FOR EXCELLENT MANOEUVRABILITY AND IMPROVED GROUND CLEARANCE.

WHEN THE REAR WET DISC BRAKES ARE OPERATED, THE FOUR-WHEEL DRIVE IS AUTOMATICALLY ENGAGED VIA A "SPRING-ON" DEVICE, THUS ENSURING EFFECTIVE BRAKING ON ALL FOUR WHEELS. BOTH OPTIONS ARE EQUIPPED WITH LIMITED SLIP SELF-LOCKING DIFFERENTIAL.

THE STD VERSION IS ALSO AVAILABLE WITH TWOWHEEL DRIVE AXLE. (FIG. B)





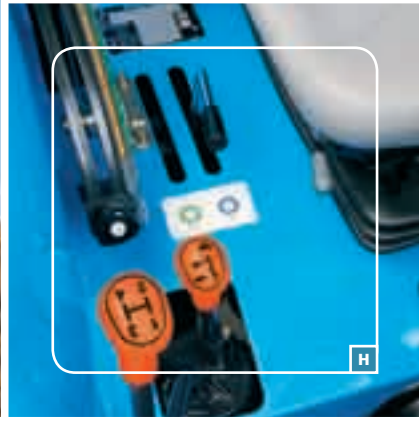
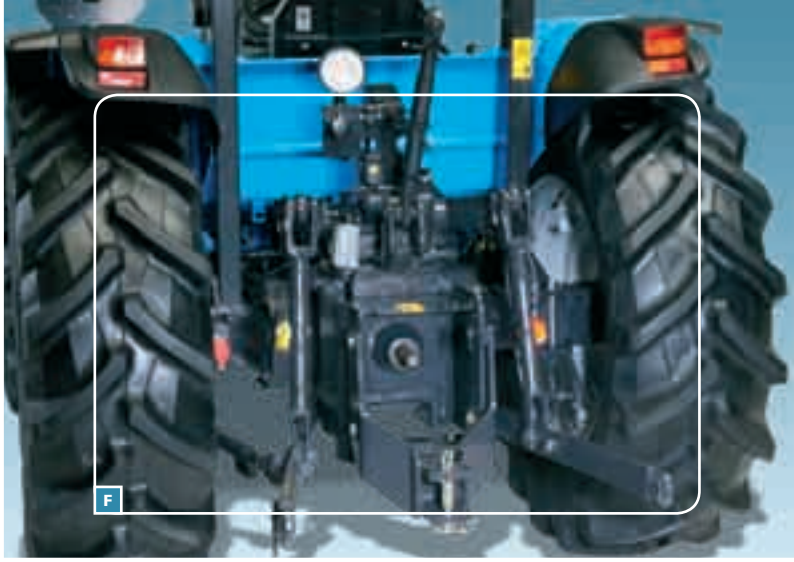
**TECHNOFARM, UNCO**



**COMPROMISED SIMPLICITY**

## POWER TAKE-OFF WITH LEVER-OPERATED CLUTCH

THE MECHANICALLY-OPERATED CLUTCH LEVER (FIG. E) ENABLES SMOOTH AND PROGRESSIVE ENGAGEMENT OF THE PTO. THE 1 3/8-INCH REAR PTO PROVIDES, IN ADDITION TO THE GROUND SPEEDS, TWO BASE SPEEDS OF 540/540ECO RPM FOR MAXIMUM VERSATILITY. (FIG. F)



## POWERFUL HYDRAULICS FOR POWER LIFT AND AUXILIARY VALVES

THE HYDRAULIC SYSTEM PROVIDES A MAXIMUM TOTAL FLOW OF 16.2 GPM (62 L/MIN).

EQUIPPED WITH CAT. 2 THREE-POINT LINKAGE (FIG. F, G), THE POWER LIFT PROVIDES POSITION, DRAFT, INTERMIX AND FLOAT CONTROL FUNCTIONS, WHILE ENSURING A MAXIMUM LIFTING CAPACITY OF 5940 LB. (2700 KG).

ALL TECHNOFARM TRACTORS FEATURE ONE STANDARD AND TWO OPTIONAL SIMPLE- AND DOUBLE-ACTING AUXILIARY VALVES. (FIG. H)

## ROOMY AND COMFORTABLE DRIVING POSITION

THE DRIVING POSITION FEATURES A FULLY ADJUSTABLE SPRUNG SEAT.

THE HYDRAULIC STEERING, THE ADJUSTABLE STEERING WHEEL AND THE GEAR LEVERS ERGONOMICALLY ARRANGED ON THE DRIVER'S SIDE MAXIMISE THE DRIVING COMFORT. THE TWO-POST ROPS CAN BE OPTIONALLY EQUIPPED WITH A SUN CANOPY. (FIG. L)

