

NEW

# Trekker

90 - 100 - 105 STANDARD  
HI-DRIVE



Landini®





# TREKKER STANDARD, PLENTY OF CHARACTER

Crawler tractors are specialised machines designed to work on rough grounds, steep inclines and sandy or stony soils.

Landini *Trekker Standard* has been purpose designed to suit these needs offering performance, ergonomics, functionality and design features which make this range of crawler tractors ideal for arable land work.

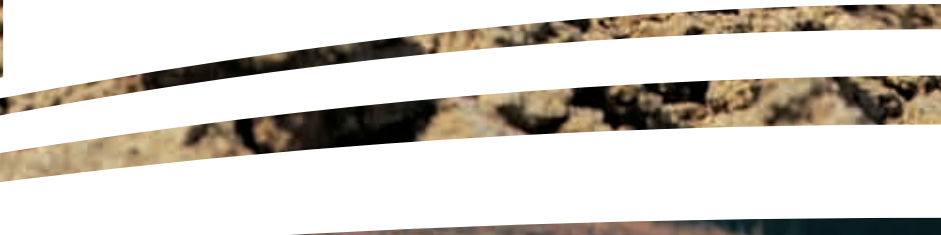
Low centre of gravity, high tractive capacity and reduced soil compaction make this crawler tractor ideal for working on steep inclines in complete safety.

Mounted on a *silent-block* suspended platform, the driving position features ergonomic controls, a fully-adjustable sprung seat and a four-post ROPS with sunroof mounting facility for maximum driving comfort.

The new rounded hood design reflects the Landini *family feeling* and allows for exceptional all-round visibility.

The new *Perkins* 1104D (Tier 3) 4-cylinder turbocharged engines delivering 83, 92.5 and 98.5 hp (ISO rating) are specially designed to provide superior performance for farming applications.

The range includes three models with different engines and track widths for improved versatility and maximum productivity.







**TREKKER, A CRAWLER TRACTOR**





**R THAT KNOWS NO OBSTACLES**





**NEW PERKINS 1100D ENGINES AND NEW TILTING HOOD**

THE NEW PERKINS 4-CYLINDER TURBO ENGINES DELIVER 83, 92.5 AND 98.5 HP (ISO RATING), RESPECTIVELY. SPECIALLY DESIGNED FOR FARMING APPLICATIONS, THESE ENVIRONMENTALLY-FRIENDLY ENGINES MEET THE TIER 3 EMISSION STANDARDS, WHILE PROVIDING HIGH TORQUE BACKUP, IMPROVED FUEL ECONOMY AND LOW NOISE. THE NEW TILTING HOOD REFLECTING THE LANDINI FAMILY FEELING PROVIDES EASY ACCESS TO THE ENGINE FOR ROUTINE SERVICE AND MAINTENANCE. >FIG A

**TRACKS**

EACH TRACK IS SUPPORTED BY 5 PERMANENTLY LUBRICATED ROLLERS. THE TENSION OF THE TRACKS IS ENSURED BY A HYDRAULIC TENSIONER DEVICE. THE FRONT LEAF SPRING SUSPENSION ABSORBS THE ROUGHNESS OF THE TERRAIN. THE TRACK SHOES ARE OFFERED IN A CHOICE OF THREE WIDTHS: 15.5 (400) AND 17.5 (450) IN. (MM).

**HYDRAULICALLY-OPERATED PTO CLUTCH LEVER**

THE HYDRAULICALLY-OPERATED CLUTCH LEVER ENABLES SMOOTH AND PROGRESSIVE ENGAGEMENT OF THE PTO FOR SOFT STARTING OF THE IMPLEMENTS. > FIG. B



**DASHBOARD, SIDE GEAR LEVERS FOR MAXIMUM COMFORT AND HI-DRIVE HYDROSTATIC STEERING**

THE STYLISH DASHBOARD FEATURES ANALOG INSTRUMENTS FOR SIMPLE AND FAST READING (FIG. B). THE GEAR AND REVERSE SHUTTLE LEVERS ARE LOCATED AT THE DRIVER'S SIDE IN FORWARD POSITION FOR OPTIMUM COMFORT, IN ACCORDANCE WITH THE LATEST TRACTOR TECHNOLOGY. THE HI-DRIVE HYDROSTATIC STEERING LEVERS ACTIVATE THE STEERING CLUTCHES ENABLING SMOOTH AND PRECISE STEERING CONTROL.

## DRIVING SEAT ON SUSPENDED PLATFORM

THE DRIVING SEAT MOUNTED ON A SILENT-BLOCK SUSPENDED PLATFORM FEATURES AN ADJUSTABLE SPRUNG SEAT FOR MAXIMUM COMFORT WHEN WORKING ON ROUGH GROUNDS. THE VALANCE PANELS ON THE DRIVER'S SIDES MATCH WELL WITH THE ROUNDED LINE OF THE HOOD.

THE 4-POST ROPS, TESTED IN ACCORDANCE WITH CURRENT REGULATIONS, CAN BE OPTIONALLY EQUIPPED WITH SUN-ROOF (FIG. H).



## MECHANICAL POWER LIFT AND PTO

EQUIPPED WITH A CAT.1 AND 2 THREE-POINT LINKAGE, THE MECHANICAL POWER LIFT PROVIDES POSITION, DRAFT, INTERMIX AND FLOATING CONTROL FUNCTIONS WHILE ENSURING A MAXIMUM LIFTING CAPACITY OF 5830 LB. (2650 KG) (FIG. D-E).

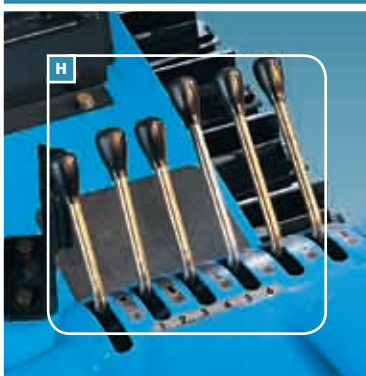
THE 1<sup>3</sup>/<sub>8</sub>-INCH PTO (FIG. E) WITH HYDRAULIC ENGAGEMENT OFFERS TWO BASIC SPEEDS AT 540/750 RPM AND TWO OPTIONAL SPEEDS AT 540/1000 RPM.

## INDEPENDENT HYDRAULIC SYSTEM FOR THE MAXIMUM VERSATILITY OF THE 6 AUXILIARY VALVES

THE AUXILIARY VALVES ARE POWERED BY AN INDEPENDENT HYDRAULIC CIRCUIT SUPPLIED BY A 8 GAL. (30-LITER) EXTRA TANK INCORPORATED UNDER THE RIGHT VALANCE BESIDE THE DRIVING SEAT (FIG. F). THIS OPTION ENABLES THE OIL TO PRESERVE ITS PROPERTIES UNALTERED FOR A LONG TIME. THE PUMP POWERING THIS CIRCUIT HAS A MAXIMUM DELIVERY OF 12.7 GPM (48.4 LITRES/MIN.) AND OPERATES UP TO 6 AUXILIARY VALVES.

THE SIMPLE- AND DOUBLE-ACTING AUXILIARY VALVES CAN BE COMFORTABLY OPERATED BY LEVERS LOCATED ON THE DRIVER'S RIGHT (FIG. G).

EASY-TO-ACCESS HIGH-QUALITY QUICK-RELEASE COUPLINGS (FIG. F) ENSURE GREATER VERSATILITY AND IMPROVED TRACTOR PRODUCTIVITY.





		TREKKER 90	TREKKER 100	TREKKER 105
<b>ENGINE</b>				
PERKINS DIRECT-INJECTION ENGINE (TIER 3)		1104D-44T	1104D-44T	1104D-44T
MAX. POWER (ISO)	HP/KW	83/61	92,5/68	98,5/72,5
RATED SPEED	RPM	2200	2200	2200
MAX. TORQUE	LB (NM)	259 (352)	286,5 (390)	282,5 (384)
MAX. TORQUE SPEED	RPM	1400	1400	1400
BORE/STROKE	IN. (MM)	4/5 (105/127)	4/5 (105/127)	4/5 (105/127)
DISPLACEMENT	CU IN. (CM <sup>3</sup> )	268,5 (4400)	268,5 (4400)	268,5 (4400)
NR. OF CYLINDERS / TURBOCHARGED		4 / yes	4 / yes	4 / yes
FUEL TANK CAPACITY	GAL. (LT)	95	95	95
<b>CLUTCH</b>				
INDEPENDENT DRY DUAL CLUTCH	IN.	12	12	12
<b>TRANSMISSION</b>				
BASIC TRANSMISSION+CREEPER+REVERSE SHUTTLE 16FWD+8REV		○	○	○
BASIC TRANSMISSION+OVERDRIVE+REVERSE SHUTTLE 16FWD+8REV		●	●	●
TRANSMISSION OIL COOLER		●	●	●
<b>POWER TAKE-OFF</b>				
HYDRAULIC ENGAGEMENT		●	●	●
2 SPEEDS 540/750 RPM		●	●	●
2 SPEEDS 540/1000 RPM		○	○	○
NET PTO POWER (ISO)	HP/KW	77/56,5	85,5/62,5	91/67
<b>STEERING SYSTEM</b>				
HI-DRIVE HYDROSTATIC STEERING		●	●	●
2 WET CLUTCHES OPERATED BY 2 HYDRAULICALLY POWER ASSISTED LEVERS WITH COMBINED ACTION ON BRAKES		●	●	●
<b>BRAKES</b>				
OIL-IMMERSED MULTI-DISK GRAPHITE BRAKES		●	●	●
<b>HYDRAULIC POWER LIFT</b>				
DRAFT, POSITION, INTERMIX AND FLOATING CONTROL FUNCTIONS		●	●	●
MECHANICALLY OPERATED		●	●	●
LIFTING CAPACITY	LB. (KG)	5830 (2650)	5830 (2650)	5830 (2650)
HYDRAULIC FLOW @ REMOTES	GPM (LT/MIN)	10.1 (38,4 + 27)	10.1 (38,4 + 27)	10.1 (38,4 + 27)
TOTAL HYDRAULIC FLOW	GPM (LT/MIN)	17.2 (65,5)	17.2 (65,5)	17.2 (65,5)
CAT 2 THREE-POINT LINKAGE		●	●	●
STD/OPT AUXILIARY VALVES		4/6	4/6	4/6
<b>DRIVING SEAT</b>				
ANALOG INSTRUMENTS		●	●	●
SIDE GEAR AND REVERSE SHUTTLE LEVERS		●	●	●
SUSPENDED PLATFORM		●	●	●
SPRUNG SEAT		●	●	●
<b>WEIGHTS AND DIMENSIONS</b>				
A - MAXIMUM LENGTH	IN. (MM)	138 (3500)	138 (3500)	138 (3500)
B - MINIMUM WIDTH	IN. (MM)	67 (1700)	67-69 (1700-1750)	69 (1750)
C - HEIGHT OVER HOOD	IN. (MM)	51 (1290)	51 (1290)	51 (1290)
D - HEIGHT TO 4-POST-ROPS	IN. (MM)	90.5 (2300)	90.5 (2300)	90.5 (2300)
E - TRACKS	IN. (MM)	51 (1300)	51 (1300)	51 (1300)
F - WHEELBASE	IN. (MM)	65 (1650)	65 (1650)	65 (1650)
G - GROUND CLEARANCE	IN. (MM)	12.5 (320)	12.5 (320)	12.5 (320)
H - TRACK SHOE WIDTH	IN. (MM)	15.5 (400)	15.5-17.5 (400-450)	17.5 (450)
WEIGHT IN RUNNING ORDER (WITHOUT BALLAST)	LB. (KG)	9064 (4120)	10164-10318 (4620 - 4690)	10318 (4690)

Key: ● standard ○ option – not available

