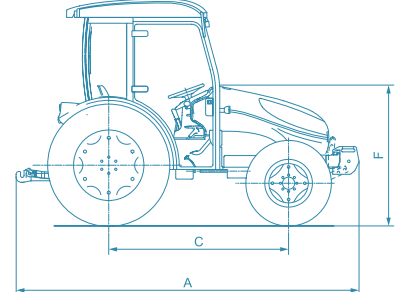
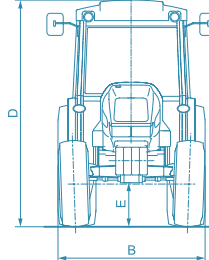
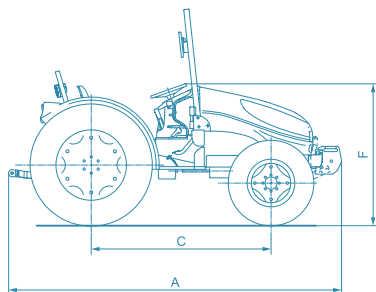
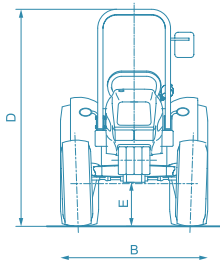




		MISTRAL 40	MISTRAL 45	MISTRAL 50	MISTRAL 55
<b>ENGINE</b>					
YANMAR DIRECT-INJECTION ENGINE TIER3		3TNV88-KLAN	4TNV84-KLAN	4TNV88-KLAN	4TNV84T-2XLAN
MAX. POWER (ISO)	HP/KW	35,5/26	44/32	47,5/35	54,2/39,9
RATED SPEED	RPM	2800	2800	2800	2800
MAX. TORQUE	LB. (NM)	80 (108,5)	95 (129)	104 (141)	119 (159,5)
MAX. TORQUE SPEED	RPM	1200	1400	1200	2000
BORE/STROKE	IN. (MM)	3,4/3,5 (88x90)	3,3/3,5 (84x90)	3,4/3,5 (88x90)	3,3/3,5 (84x90)
DISPLACEMENT	CU. IN. (CM³)	100 (1642)	122 (1995)	133,5 (2189)	122 (1995)
NR. OF CYLINDERS / VALVES / TURBOCHARGED		3 / 6 / no	4 / 8 / no	4 / 8 / no	4 / 16 / yes
COMPRESSION RATIO		19:1	19:1	19:1	18,9:1
WATER COOLING		•	•	•	•
AIR FILTER		dry	dry	dry	dry
FUEL TANK CAPACITY	GAL. (LT)	10,6 (40)	10,6 (40)	10,6 (40)	10,6 (40)
<b>CLUTCH</b>					
INDEPENDENT DRY DUAL CLUTCH	IN. (MM)	9 (225)	9 (225)	9 (225)	9 (225)
ENGAGEMENT		mechanical	mechanical	mechanical	mechanical
<b>TRANSMISSION</b>					
BASIC TRANSMISSION+REVERSE SHUTTLE 12FWD+12REV		•	•	•	•
BASIC TRANSMISSION+CREEPER+REVERSE SHUTTLE 16FWD+16REV		○	○	○	○
<b>POWER TAKE-OFF</b>					
MECHANICAL ENGAGEMENT		•	•	•	•
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	32/23,5	40/29	43/32	50,7/37,3
<b>FRONT PTO</b>					
MECHANICAL ENGAGEMENT		○	○	○	○
1 SPEED 1000 RPM		○	○	○	○
1"3/8 (34.9 MM) PTO SHAFT WITH 6 SPLINES		○	○	○	○
<b>4WD FRONT AXLE</b>					
MECHANICAL ENGAGEMENT		•	•	•	•
MAX. STEERING ANGLE	DEGREE	55	55	55	55
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		•	•	•	•
<b>BRAKES</b>					
MECHANICAL CONTROL		•	•	•	•
OIL-IMMERSED REAR BRAKES, 6 DISCS		•	•	•	•
<b>HYDRAULIC POWER LIFT</b>					
DRAFT AND POSITION CONTROL FUNCTIONS		•	•	•	•
MECHANICALLY OPERATED		•	•	•	•
LIFTING CAPACITY	LB. (KG)	2640 (1200)	2640 (1200)	2640 (1200)	2640 (1200)
MAX. OPERATING PRESSURE	PSI (BAR)	2600 (180)	2600 (180)	2600 (180)	2600 (180)
HYDRAULIC FLOW @ REMOTES	GPM (LT/MIN)	7,4 (28)	7,4 (28)	7,4 (28)	7,4 (28)
TOTAL HYDRAULIC FLOW	GPM (LT/MIN)	12,5 (47,7)	12,5 (47,7)	12,5 (47,7)	12,5 (47,7)
THREE-POINT LINKAGE		1a cat.	1a cat.	1a cat.	1a cat.
REAR AUXILIARY VALVES: 2 LEVERS / 3 LEVERS		• / ○	• / ○	• / ○	• / ○
<b>FRONT POWER LIFT</b>					
MECHANICALLY OPERATED		○	○	○	○
LIFTING CAPACITY	LB. (KG)	880 (400) ○	880 (400) ○	880 (400) ○	880 (400) ○
THREE-POINT LINKAGE		cat. 1N ○	cat. 1N ○	cat. 1N ○	cat. 1N ○
<b>DIMENSIONS AND WEIGHTS</b>					
FRONT TYRES		200/70R16	240/70R16	280/70R16	280/70R16
REAR TYRES		320/70R20	360/70R20	360/70R24	360/70R24
TOTAL WEIGHT WITHOUT BALLAST LB. 264 (120 KG) (+CAB LB.330 (150KG)) 4WD	LB. (KG)	3190 (1450)	3212 (1460)	3212 (1460)	3256 (1480)
A) TOTAL LENGTH WITH BALLAST	IN. (MM)	130 (3300)	130 (3300)	130 (3300)	132 (3360)
B) MIN. WIDTH	IN. (MM)	51 (1295)	55 (1395)	55 (1395)	55 (1395)
C) WHEELBASE 4WD	IN. (MM)	67 (1700)	67 (1700)	67 (1700)	69,2 (1760)
D) HEIGHT TO SAFETY FRAME	IN. (MM)	75 (1900)	76 (1930)	77 (1960)	77 (1960)
D) HEIGHT OVER CAB	IN. (MM)	83 (2110)	85 (2140)	85,5 (2170)	85,5 (2170)
E) GROUND CLEARANCE	IN. (MM)	13,5 (340)	14,5 (370)	16 (400)	16 (400)

Key: • standard ○ option – not available



# Mistral

40 - 45 - 50 - 55 PLATTFORM / KABINE



*Landini*®

# MISTRAL, A SMALL SIZE FOR EXTRALARGE PERFORMANCE.

After a long period of undisputed supremacy, the *Mistral* range has been re-vamped both in shape and in contents and once again ready to take up the challenge of a modern market in the power bracket of up to 55 HP.

The *restyling* action consists in a new tilting bonnet with integrated headlights, featured by a sober and pleasant design, as well as a complete revamping of the cockpit with a more ergonomic lay-out of all controls

The added value in terms of technical contents comes from the new 3 and 4 cylinders *Yanmar* engines with power ratings ranging from 35 to 54 HP.

The *Mistral* Series is a technological concentrate combining a compact size to power, versatility and comfort unique in this class.

Absolutely agile and easy to handle the Landini *Mistral* tractors are perfect for use in tight spaces, such as vineyards, orchards and greenhouses. They are also excellent for gardening, green areas and municipal ground care.

The range features a rational and ergonomic transmission equipped with reverse power shuttle and creeper and a hydraulic power lift providing a 2640 lb. (1200 kg) lifting capacity.

A front power lift and a front power take-off can be fitted as an option for enhanced versatility.

*Mistral* tractors are available either with suspended footstep or with a cab equipped with an excellent air conditioning system that guarantees the utmost comfort for the operator.

This is why *Mistral* may be a small-size tractor, but certainly very great as to performance.



## NEW HIGH-TECH YANMAR (TIER 3) TNV SERIES ENGINES.

THE NEW GENERATION TURBO AND ASPIRATED YANMAR TNV 3- AND 4-CYLINDER ENGINES STAND FOR HIGH PERFORMANCE, IMPROVED FUEL EFFICIENCY, LOW NOISE, HIGH TORQUE BACKUP AND RESPECT FOR THE ENVIRONMENT.

IN PARTICULAR, THE 4-CYLINDER TURBO ENGINE IS EQUIPPED WITH 16 VALVES WITH EXHAUST GAS RECYCLING (EGR) DELIVERING EXCEPTIONAL PERFORMANCE

ROUTINE SERVICE AND MAINTENANCE ARE FACILITATED BY THE TILTING BONNET THAT OPENS AT THE FRONT TO ENSURE AN EASY ACCESS TO THE ENGINE. > FIG. A

## 4WD FRONT AXLE, FRONT POWER LIFT AND POWER TAKE-OFF FOR MAXIMUM VERSATILITY

THE FOUR-WHEEL DRIVE FRONT AXLE WITH ITS 55° STEERING ANGLE AND CASCADE TYPE FINAL DRIVES ENSURES A GREAT MANOEUVRABILITY AND AN EXCELLENT GROUND CLEARANCE. THE TRACTOR CAN BE OPTIONALLY EQUIPPED WITH A FRONT POWER LIFT BEING INTEGRATED IN THE RADIATOR BLOCK, FEATURED BY A LIFTING CAPACITY OF 880 LB. (400 KG), AND A FRONT PTO WITH A SPEED OF 1000 RPM. > FIG. B

## 30 KM/H TRANSMSSION WITH SYNCHRONISED REVERSE POWER SHUTTLE

THE BASIC TRANSMISSION IS INTEGRATED WITH A CREEPER OFFERING A CHOICE OF UP TO 32 GEARS.

THE FULLY SYNCHRONISED REVERSE POWER SHUTTLE ENABLES ALL GEARS OF THE BASIC TRANSMISSION TO BE REVERSED OFFERING A TOTAL OF 16FWD + 16 REV. > FIG. C

ALL CONTROLS ARE LOCATED IN FORWARD POSITION ON THE DRIVING WHEEL'S SIDE IN LINE WITH THE LATEST DESIGN STANDARDS, AND INSTRUMENTS ARE EASY TO REACH AND TO UNDERSTAND. > FIG. D





**MISTRAL, THE LITT**



**LE BIG LANDINI.**

### HIGH EFFICIENCY REAR PTO.

IN ADDITION TO THE GROUND SPEED, THE REAR PTO IS AVAILABLE IN TWO VERSIONS: 540 AND 750 RPM FOR MAXIMUM VERSATILITY. > FIG. E

THE PTO CLUTCH IS MECHANICALLY ENGAGED/DISENGAGED BY A HAND LEVER.



### NEW MECHANICAL POWER LIFT AND AUXILIARY SPOOL VALVES, IDEAL FOR THIS POWER RANGE.

THE HYDRAULIC SYSTEM PROVIDES A MAXIMUM FLOW RATE OF 12,5 GPM (48 LIT/MIN). THE NEW MECHANICAL POWER LIFT WITH CAT 1 THREE-POINT LINKAGE CAN LIFT UP TO 2640 LB. (1200 KG) (FIG. E). THE SYSTEM FEATURES THREE SIMPLE-AND DOUBLE-ACTING AUXILIARY SPOOL VALVES.

BOTH CONTROLS ARE LOCATED IN AN ERGONOMIC AND COMFORTABLE POSITION AT THE DRIVER'S RIGHT HAND SIDE FOR FINGERTIP OPERATION. > FIG. F



### DRIVING SEAT ON SUSPENDED PLATFORM AND OPTIONAL CAB.

THE DRIVING SEAT, MOUNTED ON A SUSPENDED PLATFORM, FEATURES RATIONALLY AND ERGONOMICALLY ARRANGED CONTROLS.

THE CAB (OPTIONAL) FEATURES FULL GLAZING FOR ALL-ROUND VISIBILITY AND AN EXCELLENT AIR-CONDITIONING SYSTEM EQUIPPED WITH ACTIVE CARBON FILTERS OFFERING THE DRIVER A CLEAN, SILENT AND SAFE WORKING ENVIRONMENT. > FIG. G

