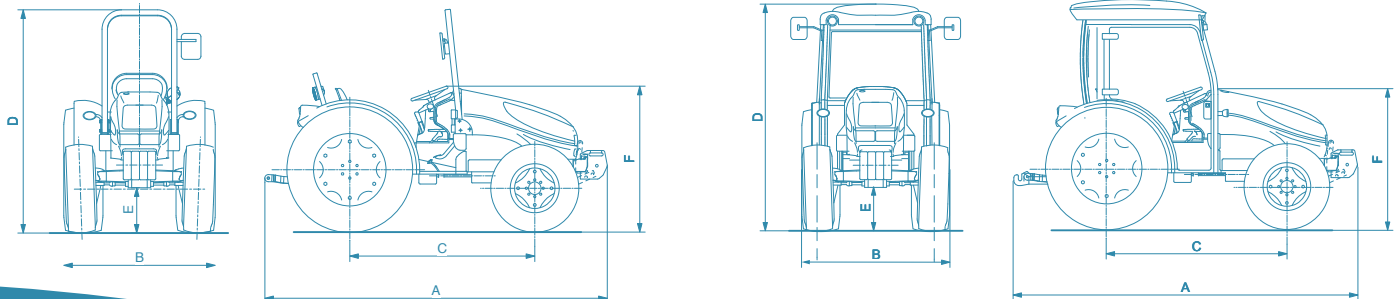




		MISTRAL 40	MISTRAL 45	MISTRAL 50	MISTRAL 55
ENGINE					
YANMAR DIRECT-INJECTION ENGINE TIER3		3TNV88-KLAN	4TNV84-KLAN	4TNV88-KLAN	4TNV84T-2XLAN
MAX. POWER (ISO)	HP/KW	35,5/26	44/32	47,5/35	54,2/39,9
RATED SPEED	RPM	2800	2800	2800	2800
MAX. TORQUE	LB. (NM)	80 (108,5)	95 (129)	104 (141)	119 (159,5)
MAX. 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)
CLUTCH					
INDEPENDENT DRY DUAL CLUTCH	IN. (MM)	9 (225)	9 (225)	9 (225)	9 (225)
ENGAGEMENT		mechanical	mechanical	mechanical	mechanical
TRANSMISSION					
BASIC TRANSMISSION+REVERSE SHUTTLE 12FWD+12REV		•	•	•	•
BASIC TRANSMISSION+CREEPER+REVERSE SHUTTLE 16FWD+16REV		○	○	○	○
POWER TAKE-OFF					
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
FRONT PTO					
MECHANICAL ENGAGEMENT		○	○	○	○
1 SPEED 1000 RPM		○	○	○	○
1"3/8 (34.9 MM) PTO SHAFT WITH 6 SPLINES		○	○	○	○
4WD FRONT AXLE					
MECHANICAL ENGAGEMENT		•	•	•	•
MAX. STEERING ANGLE	DEGREE	55	55	55	55
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		•	•	•	•
BRAKES					
MECHANICAL CONTROL		•	•	•	•
OIL-IMMERSED REAR BRAKES, 6 DISCS		•	•	•	•
HYDRAULIC POWER LIFT					
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		Cat. 1	Cat. 1	Cat. 1	Cat. 1
REAR AUXILIARY VALVES: 2 LEVERS / 3 LEVERS		• / ○	• / ○	• / ○	• / ○
FRONT POWER LIFT					
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 ○
DIMENSIONS AND WEIGHTS					
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 PLATFORM / CAB



Landini®

MISTRAL, A SMALL SIZE FOR EXTRALARGE PERFORMANCE

The *Mistral* Series compact tractors offer a restyled design and ergonomically improved controls.

These tractors are a concentrate of technology that combines unequalled power, versatility and comfort.

Agile and easy to handle, the Landini *Mistral* tractors are ideal for use in confined spaces such as vineyard and orchard rows and greenhouses, but are equally perfect for gardening works and maintenance of green areas and municipalities.

The plunging line of the hood, the wraparound design of the rear fender, the folding ROPS and a weight-to-power ratio of only 29 Kg/Hp make this tractor unique in its class. In addition, the new four-post cab fitted on the *Mistral* has a more modern design that brings enhanced visibility and manoeuvrability.

The cab interior has also been improved with a better pressurisation system, a reduced noise level and a new, highly-efficient air conditioning to offer the operator a more comfortable working environment.

The four *Mistral* models are equipped with Yanmar 3- and 4-cylinder engines, transmission with creeper and reverse power shuttle and mounting facilities for a front power lift and PTO.

Though small in size, the *Mistral* is big, very big in performance.

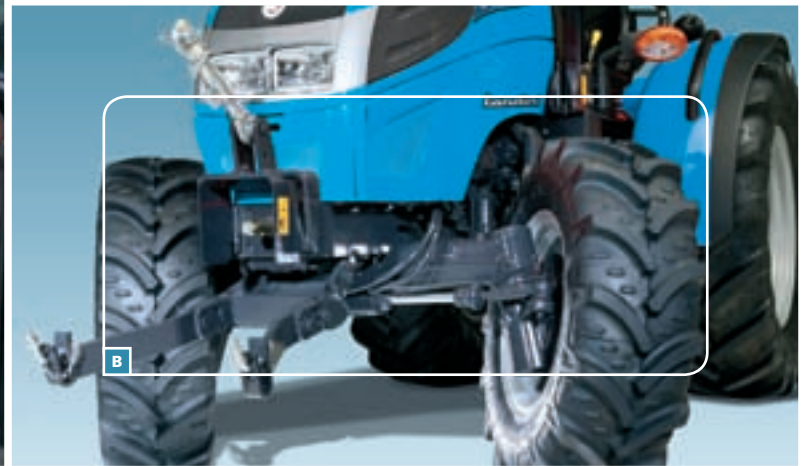


NEW HIGH-TECH YANMAR (TIER 3) TNV SERIES ENGINES

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 SYSTEM (EGR) DELIVERING EXCEPTIONAL PERFORMANCE.

THE REAR TILTING HOOD PROVIDES EASY ACCESS TO THE ENGINE COMPARTMENT FOR ROUTINE SERVICE AND MAINTENANCE. > FIG. A



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

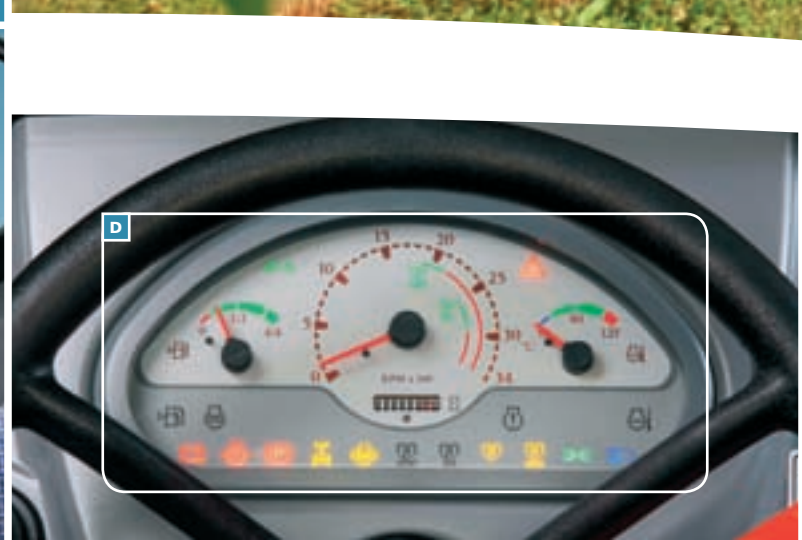
THE FOUR-WHEEL DRIVE FRONT AXLE WITH ITS 55° STEERING ANGLE AND DROP-DOWN FINAL DRIVES ENSURES A GREAT MANOEUVRABILITY AND AN EXCELLENT GROUND CLEARANCE. THE TRACTOR CAN BE OPTIONALLY EQUIPPED WITH A FRONT POWER LIFT TO BE INTEGRATED INTO THE RADIATOR BLOCK OFFERING A LIFT CAPACITY OF 880 LB. (400 KG), 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 UNDERSTAND. > FIG. D





MISTRAL, THE LITT

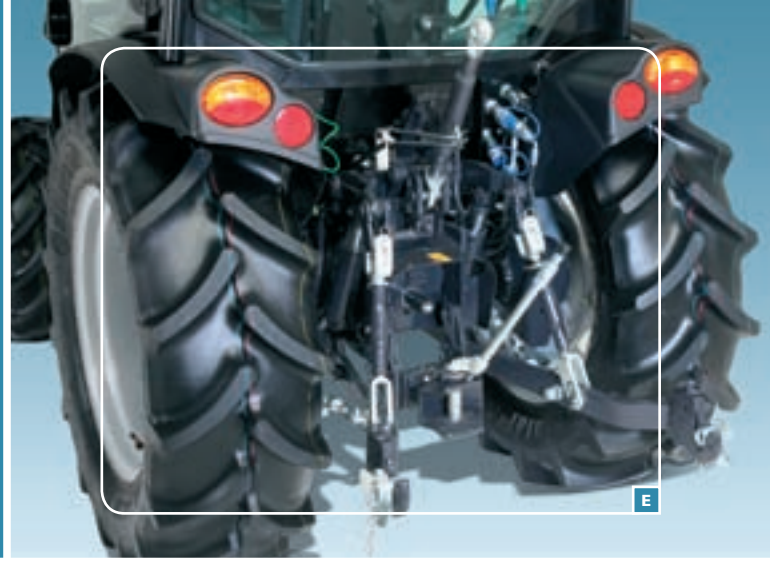


LE BIG LANDINI

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 REMOTE 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 REMOTE VALVES.

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



DRIVER'S SEAT ON SUSPENDED PLATFORM AND OPTIONAL NEW CAB

THE DRIVER'S SEAT MOUNTED ON SUSPENDED PLATFORM OFFERS ERGONOMICALLY-ARRANGED, INTUITIVE CONTROLS FOR EASY OPERATION.

THE NEW, 4-POST CAB MAKES FOR ENHANCED VISIBILITY AND MANOEUVRABILITY.

RESTYLED WITH A MORE CONTEMPORARY LOOK, THE NEW CAB HAS BEEN IMPROVED WITH A MORE EFFICIENT PRESSURIZATION SYSTEM, LOW NOISE LEVELS AND A NEW, HIGH-PERFORMANCE AIR-CONDITIONING TO OFFER THE OPERATOR A MORE COMFORTABLE WORKING ENVIRONMENT. > FIG. G

