

NEW

# Mistral

40 - 45 - 50 - 55 PLATFORM / CAB



Landini®

		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. (CM <sup>3</sup> )	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 ENGAGEMENT	IN. (MM)	9 (225)	9 (225)	9 (225)	9 (225)
		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, 10 DISCS		•	•	•	•
<b>HYDRAULIC POWER LIFT</b>					
DRAFT AND POSITION CONTROL FUNCTIONS		•	•	•	•
MECHANICALLY OPERATED		•	•	•	•
LIFTING CAPACITY	LB. (KG)	2640 (1200)	1200	1200	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		1 <sup>a</sup> CAT.	1 <sup>a</sup> CAT.	1 <sup>a</sup> CAT.	1 <sup>a</sup> CAT.
REAR AUXILIARY VALVES: 2 LEVERS / 3 LEVERS		• / ○	• / ○	• / ○	• / ○
<b>FRONT POWER LIFT</b>					
MECHANICALLY OPERATED		○	○	○	○
LIFTING CAPACITY	LB. (KG)	400 ○	400 ○	400 ○	400 ○
THREE-POINT LINKAGE		CAT. 1N ○	CAT. 1N ○	CAT. 1N ○	CAT. 1N ○
<b>CAB AND DRIVING SEAT</b>					
MISTRAL CAB / AUTO-RADIO FITTING FACILITIES		•	•	•	•
HEATING / VENTILATION		•	•	•	•
AIR-CONDITIONING		—	○	○	○
OPENABLE REAR AND FRONT DOORS		•	•	•	•
ANALOG INSTRUMENTS		•	•	•	•
SPRUNG SEAT		•	•	•	•
<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)
HEIGHT TO SAFETY FRAME	IN. (MM)	75 (1900)	76 (1930)	77 (1960)	77 (1960)
HEIGHT OVER CAB	IN. (MM)	83 (2110)	85 (2140)	85,5 (2170)	85,5 (2170)
HEIGHT TO STEERING WHEEL	IN. (MM)	49,5 (1260)	50,5 (1290)	52 (1320)	52 (1320)
TOTAL LENGTH WITH BALLAST	IN. (MM)	130 (3300)	130 (3300)	130 (3300)	132 (3360)
MIN. WIDTH	IN. (MM)	51 (1295)	55 (1395)	55 (1395)	55 (1395)
WHEELBASE 4WD	IN. (MM)	67 (1700)	67 (1700)	67 (1700)	69,2 (1760)
GROUND CLEARANCE	IN. (MM)	13,5 (340)	14,5 (370)	16 (400)	16 (400)
<b>TRACKS</b>					
FRONT TRACK ADJUSTMENT	IN. (MM)	42,5/50 (1079/1267)	41,5/51,5 (1058/1308)	41,5/51,5 (1058/1308)	41,5/51,5 (1058/1308)
REAR TRACK ADJUSTMENT	IN. (MM)	38,5/47,5 (974/1206)	40,5/49,5 (1028/1258)	40,5/49,5 (1028/1258)	40,5/49,5 (1028/1258)
<b>OPTIONAL EQUIPMENT</b>					
MAX. 4 FRONT WEIGHTS 55 LB. (25 KG) EACH		○	○	○	○
<b>OPTIONAL TYRES</b>					
FRONT 4RM		7.00-12	7.00-12	7.00-12	7.00-12
REAR 4RM		9.5-20	9.5-20	9.5-20	9.5-20
FRONT 4RM		240.70-16	200.70-16	200.70-16	200.70-16
REAR 4RM		360.70-20	320.70-20	320.70-20	320.70-20
FRONT 4RM		280.70-16	280.70-16	240.70-16	240.70-16
REAR 4RM		360.70-24	360.70-24	360.70-20	360.70-20
FRONT 4RM		27X10.50-15turf	27X10.50-15turf	27X10.50-15turf	27X10.50-15turf
REAR 4RM		13.6-16 turf	13.6-16 turf	13.6-16 turf	13.6-16 turf
FRONT 4RM		31x13,50-15turf	31x13,50-15turf	31x13,50-15turf	31x13,50-15turf
REAR 4RM		44x18-20turf	44x18-20turf	44x18-20turf	44x18-20turf
FRONT 4RM		27x8,50-15turf	27x8,50-15turf	27x8,50-15turf	27x8,50-15turf
REAR 4RM		38x14.00-20turf	38x14.00-20turf	38x14.00-20turf	38x14.00-20turf

Key: • standard ○ option — not available

Landini is a trademark of Argo Tractors S.p.A.

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Landini original lubricants