

SERIE 7



SERIE 7 Robo-Six

7-200 • 7-210 • 7-230

Landini

Passion for Innovation.

		7-160 ROBO-SIX	7-200 ROBO-SIX	7-230 ROBO-SIX
ENGINE				
TIER 3		NEF 6 CYLCR TAA	NEF 6 CYLCR TAA	NEF 6 CYLCR TAA
ELECTRONIC HIGH PRESSURE COMMON RAIL		●	●	●
TURBO/AIR-TO-AIR INTERCOOLER		●	●	●
MAX. ENGINE POWER AT 1900 RPM (ISO TR 14396 ECE R120)	HP/KW	151/111	180/132	215/158
RATED ENGINE POWER AT 2200 RPM (ISO TR 14396 ECE R120)	HP/KW	146/108	176/129	205/151
RATED ENGINE SPEED	RPM	2200	2200	2200
MAX. TORQUE (WITH DUAL POWER) (ISO TR 14396 ECE R120)	NM	632 (676)	758 (800)	850 (897)
ENGINE RPM @ MAX. TORQUE (WITH DUAL POWER)	RPM	1400 (1400)	1400 (1400)	1400 (1400)
TORQUE RISE (WITH DUAL POWER)		35,5% (40,5%)	35,5% (40,5%)	31,4% (37,2%)
BORE / STROKE	MM	104 / 132	104 / 132	104 / 132
DISPLACEMENT (CM ³) / NO. OF CYLINDERS/ NO. OF VALVES		6728 / 6 / 24	6728 / 6 / 24	6728 / 6 / 24
FUEL TANK CAPACITY	L	320	320	320
CLUTCH				
MULTI-DISC WET CLUTCH		●	●	●
TRANSMISSION				
ROBO-SIX+POWER SHUTTLE: 30FWD+15REV (6 POWERSHIFT SPEEDS IN 5 RANGES)		●	●	●
ROBO-SIX+CREEPER+POWER SHUTTLE: 54FWD+27REV		○	○	○
ELECTRO-HYDRAULIC RANGE SHIFTING		●	●	●
ECO FOURTY (40 KM/H) AT REDUCED ENGINE SPEED		●	●	●
REVERSE POWER SHUTTLE		●	●	●
ELECTROHYDRAULIC DIFFERENTIAL LOCK ON REAR AXLE		●	●	●
POWER TAKE-OFF				
WET MULTI-DISC PTO CLUTCH		●	●	●
MODULATED ELECTROHYDRAULIC ENGAGEMENT		●	●	●
FOUR SPEEDS: 540/540E/1000/1000E RPM		●	●	●
FRONT 4WD AXLE				
RIGID TYPE		●	●	●
WITH ELECTRONICALLY-CONTROLLED HYDRAULIC SUSPENSIONS		○	○	○
ELECTROHYDRAULIC 4WD ENGAGEMENT		●	●	●
MAX. STEERING ANGLE		55°	55°	55°
ELECTROHYDRAULIC DIFFERENTIAL LOCK		●	●	●
BRAKING SYSTEM				
WET MULTI-DISC REAR BRAKES		●	●	●
AUTOMATIC 4WD ENGAGEMENT ON BRAKING		●	●	●
BRAKING BOOSTER SYSTEM SERVO BRAKE		●	●	●
HYDRAULIC TRAILER BRAKING		○	○	○
PNEUMATIC TRAILER BRAKING		○	○	○
HYDRAULIC SYSTEM				
CLOSED-CENTRE CIRCUIT (DYNAMIC MODEL ● ACTIVE MODEL ○)		●	●	●
HYDRAULIC PUMP FLOW (DYNAMIC MODEL ○)	L/MIN	-	160	160
HYDRAULIC PUMP FLOW (DYNAMIC MODEL ● ACTIVE MODEL ○)	L/MIN	123	-	-
STEERING PUMP FLOW (DYNAMIC MODEL)	L/MIN	52	52	52
MECHANICALLY-CONTROLLED REMOTE VALVES (ACTIVE MODEL)	STD/OPT	2/4 - 6	2/4 - 6	2/4 - 6
ELECTROHYDRAULICALLY-CONTROLLED REMOTE VALVES (DYNAMIC MODEL)	STD/OPT	-	4	4
CAN BUS LIFT CONTROL HITCH				
ELECTRONICALLY-CONTROLLED HITCH		●	●	●
MAX. LIFT CAPACITY (ACTIVE MODEL)	KG	6300	-	-
MAX. LIFT CAPACITY (DYNAMIC MODEL ● ACTIVE MODEL ○)	KG	-	9300	9300
THREE-POINT HITCH	CAT.	3N / 3	3N / 3	3
CAB AND DRIVING POSITION				
LOUNGE CAB WITH FOUR-POST DESIGN AND FLAT-DECK PLATFORM		●	●	●
LANDINI SUSPENDED HYDRO CAB-ELECTRONICALLY-CONTROLLED HYDRAULIC CAB SUSPENSION		○	○	○
AIR-CONDITIONING (ACTIVE MODEL)		●	●	●
CLIMATE CONTROL (DYNAMIC MODEL)		●	●	●
DIGITAL INSTRUMENT PANEL WITH PERFORMANCE MONITOR		●	●	●
SUPER DELUXE AIR SUSPENSION SEAT WITHOUT ARMREST (ACTIVE MODEL)		●	●	●
SUPER DELUXE AIR SUSPENSION SEAT WITH ARMREST (DYNAMIC MODEL)		●	●	●
DELUXE LOW-FREQUENCY AIR SUSPENSION SEAT WITH VENTILATION AND ARMREST (DYNAMIC MODEL)		○	○	○
RADIO / BLUETOOTH / MP3 READY		●	●	●
ISOBUS ADAPTOR		○	○	○
12" DSM TOUCHSCREEN MONITOR		○	○	○
SATELLITE GUIDANCE KIT (8" MONITOR + ANTENNA)		○	○	○
HIDE AWAY BUDDY SEAT + AIR-CONDITIONED IN-CAB STORAGE COMPARTMENT		●	●	●
LED LIGHTS		●	●	●
DIMENSIONS AND WEIGHTS				
FRONT TYRES		540/65R28	540/65R28	540/65R30
REAR TYRES		650/65R38	650/65R38	650/65R42
MAX. LENGTH (WITH BALLAST WEIGHTS)	MM	5260	5260	5260
MIN. WIDTH	MM	2430	2430	2430
WHEELBASE	MM	2820	2820	2820
HEIGHT OVER CAB	MM	2920	3055	3055
GROUND CLEARANCE	MM	485	550	550
WEIGHT WITH EMPTY TANK, WITHOUT BALLAST WEIGHTS	KG	7010	7210	7210
OPTIONAL EQUIPMENT				
FRONT BALLAST WEIGHTS 45 KG EACH		16	16	16
FRONT HITCH (MAX. LIFT CAPACITY)	KG	3500 ○	3500 ○	3500 ○
FRONT HITCH AND PTO		○	○	○
FRONT WEIGHT FOR HITCH 800 KG		○	○	○
FRONT WEIGHT FOR HITCH 1400 KG		○	○	○

Key: ● standard ○ option — non available