

# Powerfarm

90 - 100 - 110 HC SYNCHRO SHUTTLE



*Landini*®

		<b>POWERFARM 90HC</b>	<b>POWERFARM 100HC</b>	<b>POWERFARM 110HC</b>
		SYNCHRO SHUTTLE	SYNCHRO SHUTTLE	SYNCHRO SHUTTLE
<b>ENGINE</b>				
PERKINS TIER 3 DIRECT-INJECTION ENGINE		1104D-44T	1104D-44TA	1104D-44TA
MAX. POWER (ISO)	HP/KW	83/61	92,5/68	102/75
RATED SPEED	RPM	2200	2200	2200
MAX. TORQUE	NM	352	363	416
MAX. TORQUE SPEED	RPM	1400	1400	1400
BORE/STROKE	MM	105/127	105/127	105/127
DISPLACEMENT / NR. OF CYLINDERS	CM <sup>3</sup>	4400/4 TURBO	4400/4 TURBO AFTERCOOLER	4400/4 TURBO AFTERCOOLER
COMPRESSION RATIO		18,2:1	18,2:1	18,2:1
WATER COOLING		○	○	○
AIR FILTER		○	○	○
FUEL TANK CAPACITY STD+OPT	LT	102	102	102
<b>CLUTCH</b>				
INDEPENDENT DRY DUAL CLUTCH	IN.	11	12	12
MECHANICALLY OPERATED		●	●	●
MULTI-DISC WET CLUTCH		-	-	-
DECLUTCH CONTROL: BUTTON-OPERATED CLUTCH		-	-	-
<b>TRANSMISSION</b>				
MECH. REV. SHUTTLE+SPEED FOUR: 12FWD + 12REV (30 KM/H)		●	●	●
MECH. REV. SHUTTLE+SPEED FOUR+CREEPER: 24FWD+12REV (30 KM/H)		○	○	○
MECH. REV. SHUTTLE+SPEED FOUR+UNDERDRIVE: 24FWD+12REV (30 KM/H)		○	○	○
HYDR.REV.SHUTTLE+SPEED FOUR+POWER FOUR 24FWD+12REV (30 KM/H)		-	-	-
HYDR.REV.SHUTTLE+SPEED FOUR+POWER FOUR +CREEPER 32FWD+16REV (30 KM/H)		-	-	-
REVERSE POWER SHUTTLE UNDER LOAD		-	-	-
ELECTROHYDRAULIC REAR DIFFERENTIAL LOCK (ONLY 2WD)		●	●	●
<b>POWER TAKE-OFF</b>				
MECHANICAL ENGAGEMENT		●	●	●
OIL-IMMERSED MULTI-DISK		-	-	-
ELECTROHYDRAULIC ENGAGEMENT		-	-	-
2 SPEEDS 540/750 RPM		●	●	●
2 SPEEDS 540/1000 RPM		○	○	○
1" 3/8 (34,9 MM) PTO SHAFT WITH 6 SPLINES		●	●	●
GROUND SPEED PTO		●	●	●
NET PTO POWER (ISO)	HP/KW	70,5/52	79/58	86,5/63,5
<b>4WD FRONT AXLE</b>				
MECHANICAL 4WD ENGAGEMENT		●	●	●
ELECTROHYDRAULIC 4WD ENGAGEMENT		-	-	-
MAX. STEERING ANGLE		55	55	55
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		●	●	●
<b>BRAKES</b>				
HYDROSTATIC CONTROL		●	●	●
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES		10 DISCS	10 DISCS	10 DISCS
<b>HYDRAULIC POWER LIFT</b>				
DRAFT, POSITION, INTERMIX AND FLOATING CONTROL FUNCTIONS		●	●	●
MECHANICALLY OPERATED		●	●	●
STD LIFTING CAPACITY	KG	2600	2600	2600
LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS	KG	3700 ○	3700 ○	3700 ○
MAX. OPERATING PRESSURE	BAR	180	180	180
HYDRAULIC FLOW @ REMOTE	LT/MIN	52.3	52.3	52.3
TOTAL HYDRAULIC FLOW	LT/MIN	82.2	82.2	82.2
CAT 2 THREE-POINT LINKAGE		●	●	●
STD AUXILIARY VALVES		2	2	2
<b>CAB AND DRIVING SEAT</b>				
POWERFARM CAB / AUTO-RADIO FITTING FACILITIES		●	●	●
AIR-CONDITIONING		○	○	○
MECHANICALLY SUSPENDED SEAT		○	○	○
PNEUMATICALLY SUSPENDED SEAT		○	○	○
ANALOG. INSTRUM.		●	●	●
SUSPENDED PLATFORM		●	●	●
<b>DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)</b>				
FRONT TYRES		9.5R48	9.5R48	9.5R48
REAR TYRES		9.5R48	9.5R48	9.5R48
LENGTH (WITH BALLAST)	MM	4127	4127	4127
WHEELBASE 2WD/4WD	MM	2255/2230	2255/2230	2255/2230
HEIGHT OVER HOOD	MM	1940	1940	1940
HEIGHT TO STEERING WHEEL	MM	2070	2070	2070
GROUND CLEARANCE 4WD	MM	684	684	684
HEIGHT TO ROPS	MM	2820	2820	2820
HEIGHT OVER CAB	MM	2730	2730	2730
MIN. WIDTH	MM	1670	1670	1670
WEIGHT (WITHOUT BALLAST) 4WD +(150 KG CAB)	KG	3460	3460	3500
<b>TRACKS</b>				
FRONT TRACK ADJUSTMENT 4WD	MM	1851-2307	1851-2307	1851-2307
REAR TRACK ADJUSTMENT	MM	1382-1938	1382-1938	1382-1938
<b>OPTIONAL TYRES</b>				
FRONT 2WD		7.50-16	7.50-16	7.50-16
REAR 2WD		13.6-38	13.6-38	13.6-38
FRONT 2WD		7.50-20	7.50-20	7.50-20
REAR 2WD		14.9-38	14.9-38	14.9-38
FRONT 2WD		7.50-20	7.50-20	7.50-20
REAR 2WD		380/80-38	380/80-38	380/80-38
FRONT 4WD		13.6-38	13.6-38	13.6-38
REAR 4WD		13.6-38	13.6-38	13.6-38
<b>OPTIONAL EQUIPMENT</b>				
7 FRONT WEIGHTS 36 KG EACH		○	○	○
2 REAR WEIGHTS 60 KG EACH		○	○	○
HYDRAULIC TRAILER BRAKES		○	○	○

Key: ● standard ○ option - not available