

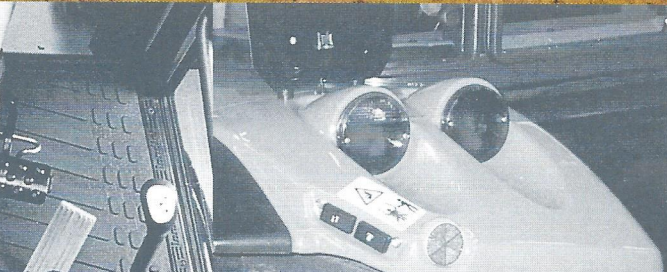
Landini

Mythos

90 100 110

STANDARD

DELTA FIVE





a) Mythos 90 standard

b) Mythos 100 Deltafave

c) REVERSE POWER SHUTTLE
(Deltafave version).
On-load reverse shuttle

d) DELTAFIVE transmission



1 Concept-Cab

For an ergonomic and comfortable working environment.

2 Heating/ Air conditioning

All cabs are equipped with heater. Air conditioning with manual control is optional on all versions.

Tractors with Deltafave transmission can also be equipped with automatic air conditioner, which maintains constant temperature (selected by the operator), independently from the outside temperature.

3 Perkins 1000 Series "Green" Engines

High-performance, environment-friendly 4- and 6-cylinder aspirated and turbocharged engines.

4 Engine hood

The innovative and attractive design ensures full front visibility.

5 IBS: Integral Braking System

Integral hydrostatic braking on all four wheels.

6 Twin-Lock

Simultaneous front and rear diff-locks.

7 4WD front axle

Four-wheel drive with electrohydraulic engagement and 55° steering angle.

8 Transmission

- Base transmission 20/15 includes synchro shuttle 15/15 plus 5 creeper speeds

- "Power Five" 40/30: includes the base 15/15 synchro shuttle transmission, plus two-stage power shift, (20% speed reduction) electro-hydraulically engaged by a push button in the gear shift lever, plus creeper.

9 Deltafave transmission

This transmission includes the base 15/15 gearbox, plus 5 creeper speeds. The number of speeds is trippled by three-stage power shift, electro-hydraulically engaged by push buttons in the gear shift lever. Total number of speeds is 50/15.



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10 Reverse Power Shuttle

(Deltafive version)

On-load reverse shuttle with gear lever located on the left of the steering wheel; enables clutchless reverse.

11 Button-operated creeper unit

The creeper provides 5 forward gears and a minimum speed 0.18 mph (300 m/h).

12 "Spring On" 4WD engagement

4WD electrohydraulic engagement system. For maximum safety the 4WD remains engaged or is automatically activated when the engine stops.

13 PTO clutch

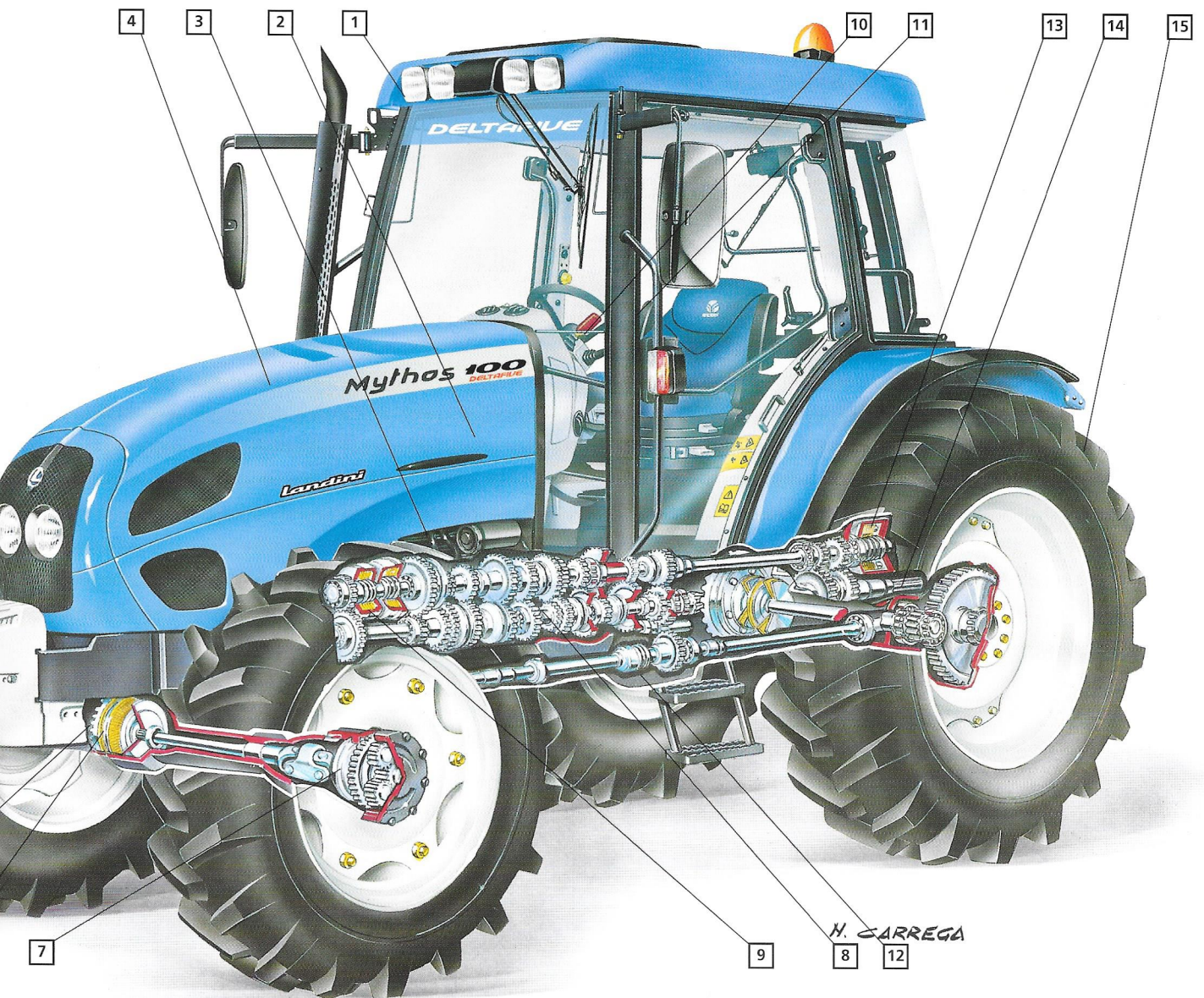
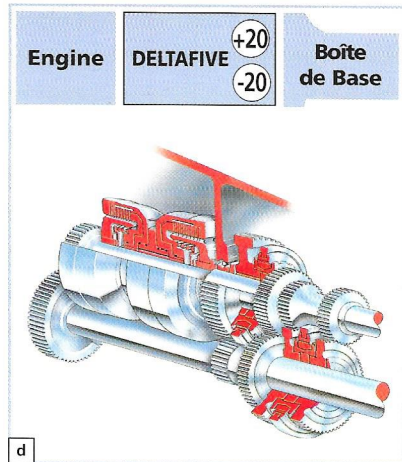
PTO with oil-bath multi-disc clutch and electro-hydraulic engagement

14 4-speed P.T.O.

The four PTO speeds - 540 and 540eco, 1000 and 1000eco - can be selected directly from the driver's seat.

15 Landtronic (available on Deltafive version)

Electronically-controlled hydraulic lift with "Shock-Absorber" device and link-integrated draft sensors.





	Mythos 90	Mythos 100	Mythos 110
"Green" Engine			
Direct-injection Perkins engine	1004-40T	1004-40T	1006-60
Max power ISO	91 HP (67 kW)	102 HP (75 kW)	107 HP (79 kW)
Max power DIN	88 HP (65 kW)	97 HP (71.5 kW)	105 HP (77 kW)
Net P.T.O. power DIN	77 HP (57 kW)*	85 HP (62.5 kW)*	92.5 HP (68 kW)*
Rated speed	2200 rpm	2200 rpm	2200 rpm
Max. torque	268 lb-ft (362.5 Nm)	298 lb-ft (402.5 Nm)	292 lb-ft (395 Nm)
Bore/stroke	3.94/5 in. (100/127mm)	3.94/5 in. (100/127mm)	3.94/5 in. (100/127mm)
No. of cylinders/ Turbocharged	4/No	4/Yes	6/No
Displacement	243 cu.in (3990 cm ³)	243 cu.in (3990 cm ³)	365 cu.in (5985 cm ³)
Coolant	Water	Water	Water
Standard fuel tank capacity	40 gal. (150 l)	40 gal. (150 l)	40 gal. (150 l)
Auxiliary fuel tank capacity (optional)	13 gal. (50 l)	13 gal. (50 l)	13 gal. (50 l)
Clutch			
With standard transmission	Dry single clutch, 13 in.	Dry single clutch, 13 in.	Dry single clutch, 13 in.
Clutch Lining/ Clutch controls	Cerametallic/ Hydraulic	Cerametallic/ Hydraulic	Cerametallic/ Hydraulic
With "Deltafive" transmission	Multi-disc oil bath clutch	Multi-disc oil bath clutch	Multi-disc oil bath clutch
Transmission			
20+15 basic gearbox+creeper+ synchro shuttle	STD	STD	STD
"Power Five" 40/30 (15/15 synchro shuttle with two-stage power shift + creeper)	OPT	OPT	OPT
"Deltafive" 50/15 (power shuttle + three-stage power shift + creeper); Button-operated clutch control	OPT	OPT	OPT
Max. speed with all versions	25 mph (40 kph)	25 mph (40 kph)	25 mph (40 kph)
Power Take-off			
Type	Independent	Independent	Independent
PTO clutch	Multi-disc oil bath	Multi-disc oil bath	Multi-disc oil bath
PTO clutch control	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
4 speeds (540/750/1000/1400 rpm)	STD	STD	STD
Ground speed PTO	STD	STD	STD
4WD front axle			
Steering	Full hydrostatic	Full hydrostatic	Full hydrostatic
Final drives	Planetary	Planetary	Planetary
FWD clutch	Mechanical	Mechanical	Mechanical
FWD clutch control	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Maximum steering angle	55 degrees	55 degrees	55 degrees
Twin-Lock electro-hydraulic diff. lock	STD	STD	STD
Front fenders	STD	STD	STD
Brakes			
Controls	Hydraulic	Hydraulic	Hydraulic
Rear wet brakes w/ graphite-coated discs	10 discs	12 discs	12 discs
Front wet brakes w/ graphite-coated discs	4 discs	4 discs	4 discs
Hydraulic power lift			
Mechanical controls with Position/Intermix/Draft/Float functions	STD	STD	STD
"Landtronic" electronic controls with shock absorber function	OPT	OPT	OPT
Standard lift capacity	8140 lb. (3700 kg)	9240 lb. (4200 kg)	9240 lb. (4200 kg)
Lift capacity with optional assist cylinders	9570 lb. (4350 kg)	10560 lb. (4800 kg)	10560 lb. (4800 kg)
Max. operating pressure	2600 psi (180 bar)	2600 psi (180 bar)	2600 psi (180 bar)
Hydraulic flow @ remotes	14.5 GPM (55 l/min)	14.5 GPM (55 l/min)	14.5 GPM (62 l/min)
Total hydraulic flow	22.7 GPM (86 l/min)	22.7 GPM (86 l/min)	22.7 GPM (97 l/min)
Three-point hitch with quick-attach lower link ends	Cat. 2	Cat. 2	Cat. 2
No. of remote sets STD/OPT	2/3/5 (sets with flow divider and sets with kickout available)	2/3/5 (sets with flow divider and sets with kickout available)	2/3/5 (sets with flow divider and sets with kickout available)
Cab			
Heating	STD	STD	STD
Manual air conditioning	OPT	OPT	OPT
Automatic air conditioning	OPT	OPT	OPT
Digital dashboard	STD	STD	STD
Deluxe mechanical seat	STD	STD	STD
Air suspension seat	OPT	OPT	OPT
Dimensions			
Measured for tire size - front; rear	13.6R-24; 16.9R-34	14.9R-24; 18.4R-34	13.6R-28; 18.4R-38
Length (w/o weights)	153 in. (3900 mm)	153 in. (3900 mm)	161.5 in. (4100 mm)
Wheelbase (4WD)	95.5 in. (2426 mm)	96.5 in. (2449 mm)	107 in. (2717 mm)
Height at top of cab	104.5 in. (2655 mm)	104.5 in. (2655 mm)	106 in. (2700 mm)
Ground clearance	16.3 in. (413 mm)	16.9 in. (428 mm)	18.2 in. (462 mm)
Minimum width	80 in. (2034 mm)	81 in. (2062 mm)	81.5 in. (2070 mm)
Turning radius (without brakes)	17 ft. (5200 mm)	17 ft. (5200 mm)	17 ft. (5200 mm)
Weight (w/o weights)	9150 lb. (4160 kg)	9150 lb. (4160 kg)	9810 lb. (4460 kg)
Wheel tread - front	63.5-74.5 in. (1610-1897 mm)	70-84 in. (1769-2138 mm)	70.5-87 in. (1793-2204 mm)
Wheel tread - rear	63.5-79 in. (1612-2012 mm)	63.5-79 in. (1612-2012 mm)	67-79 in. (1700-2004 mm)
Tire sizes			
Front; rear	380/70R24; 480/70R34	420/70R24; 480/70R38	380/70R28; 520/70R38
Front; rear	13.6R-24; 16.9R-34	13.6R-24; 14.9R-38	13.6R-28; 18.4R-38
Front; rear	12.4R-24; 13.6R-38	14.9R-24; 18.4R-34	480/65R24; 600/65R34
Front; rear	440/65R24; 550/65R34	14.9R-24; 16.9R-38	420/70R24; 520/70R34
Front; rear		480/65R24; 600/65R34	440/65R28; 600/65R38
Front; rear		420/70R24; 520/70R34	14.9R-24; 18.4R-34
Optional equipment:	Front weights 460 lb. (210 kg), 650 lb. (294 kg) or 830 lb. (378 kg); Trailer hydraulic braking system; Hydraulic levelling of the three-point hitch		

Key: STD = standard ; OPT = optional ; — = not available * Manufacturer's estimate

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