

New 5H-T4i Series: new look, new comfort, new performance

Three years after its launch in 2012, the 5H tractor range is now revamped with a newly redesigned cab. Featuring a four-post design with flat-deck platform and rear hinged doors, the new cab provides ease of access to the driver's seat and unequalled allround visibility. The cab interior is designed with painstaking attention to every detail. All controls are ergonomically-arranged for maximum comfort and ease of operation and the telescopic tilt-adjustable steering column tilts with the instrument panel, allowing the



driver to constantly monitor the tractor performance. The air-conditioning system has been improved by relocating the filters into the rear posts for easier cleaning. As a result, the cab roof could be redesigned with a slimmer profile, allowing the tractor overall height to be reduced. On the technical side, the new 5H tractors offer increased hydraulic flow (63 l/min + 30 l/min) and a larger fuel tank with capacity of up to 120 litres. The new tractor range also features

transmission upgrades. The 12+12 power shuttle transmission with shuttle modulation control can be upgraded to a 36+12 speed gearbox with a T-Tronic 3-speed powershift that provides a top speed of 40 km/h at reduced engine rpm. The 5H tractor range comprises four models – the 90, 100, 110 and 115 – all powered by the new Perkins 854E-E34TA engines. Equipped with two-valve technology, common rail injection system and exhaust gas recirculation system (EGR), these 3.4-liter, four-cylinder, turbo-aftercooled engines meet the Tier 4 Interim emission regulations and offer power ratings from 88.5 to 113 hp. The first three models in the range come standard with Dual Power system. The 5H tractors are also available with iso-mounted platform.



NEW PERKINS 854E-E34TA TIER 4 INTERIM ENGINES

The 5H tractors are powered by the new Perkins 854E-E34TA series four-cylinder turbo-after cooled engines with power ratings from 88.5 to 113 hp. These 3.4L engines feature two-valve cylinder heads and electronic common rail injection system and utilize an innovative exhaust gas recirculation system (EGR) in conjunction with a diesel particulate filter (DPF) to meet the Tier 4 Interim emission regulations. The electronic engine management, combined with the Dual Power system, allows the engine to automatically deliver extra power and torque to handle demanding PTO and transport applications. Fully reshaped to reflect the new Landini family styling, the tilt-up hood opens wide to provide easy access to the engine compartment for service and maintenance and for easy cleaning of coolers in dusty conditions.

	5-090H	5-100H	5-110H	5-115H
PERKINS "TIER4 INTERIM" DIRECT-INJECTION ENGINE	854E-E34TA	854E-E34TA	854E-E34TA	854E-E34TA
MAX POWER ISO (TECHNO VERSION) HP/KW	95 / 70	95 / 70	102 / 75	113 / 83
MAX POWER ISO (TECHNO VERSION) HP/KW	88.5 / 65	95 / 70	105 / 77	113 / 83
MAX POWER WITH DUAL POWER ISO (T-TRONIC TRANSMISSION) HP/KW	95 / 70	102 / 75	113 / 83	–
RATED SPEED RPM	2200	2200	2200	2200
MAX TORQUE (TECHNO VERSION) LB. (NM)	260 (354)	290 (395)	310 (420)	330 (450)
MAX TORQUE (TOP VERSION) LB. (NM)	270 (368)	290 (395)	318 (432)	330 (450)
MAX TORQUE WITH DUAL POWER (T-TRONIC TRANSMISSION) LB. (NM)	290 (395)	310 (420)	330 (450)	–
DISPLACEMENT / CYLINDERS L	3.4 / 4 TA	3.4 / 4 TA	3.4 / 4 TA	3.4 / 4 TA
FUEL TANK CAPACITY GAL (LT)	32 (120)	32 (120)	32 (120)	32 (120)



ELECTROHYDRAULIC T-TRONIC TRANSMISSION WITH DE-CLUTCH CONTROL AND POWER SHUTTLE

The 5H features a Speed Four transmission with a hydraulic power shuttle providing three ranges with four speeds each. The basic gearbox can be combined with a T-Tronic transmission with three power-shift ranges (high, medium, low) that can be shifted on-the-go using the green buttons integrated into the gear lever. With the power shuttle, this configuration provides 36 forward and 12 reverse speeds. A creeper unit is available as an option to increase the total number of speeds to 48 forward and 16 reverse. The De-Clutch orange button on the gear lever and the power shuttle lever adjacent to the steering wheel allow the driver to change gear and shift from forward to reverse without using the clutch pedal. The power shuttle is equipped with shuttle modulation control. This feature, fitted on the control panel, adjusts the power shuttle response to suit the operating conditions.



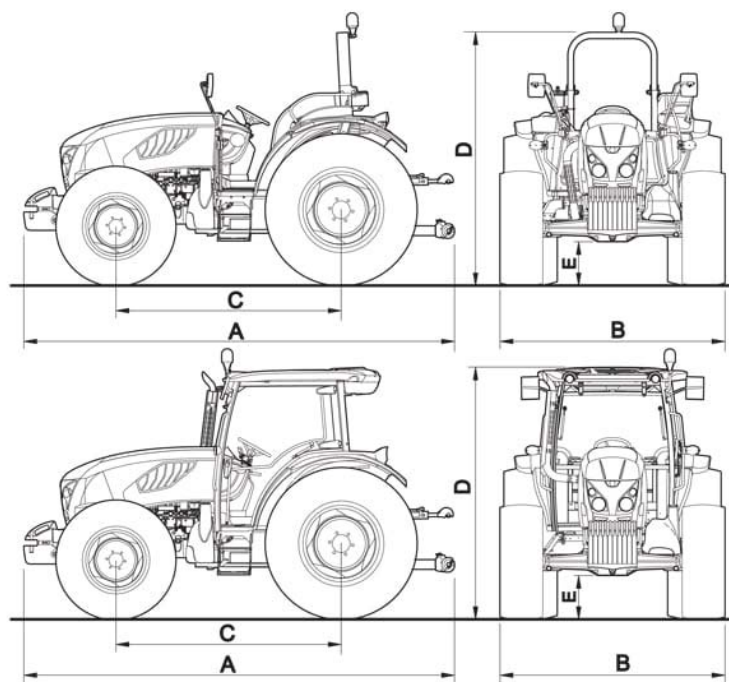
NEW 'TOTAL VIEW' CAB FOR IMPROVED VISIBILITY AND SUPERIOR COMFORT

The new Total View Slim cab features a four-post design with flat-deck platform and rear hinged doors for ease of access and unequalled allround visibility. The cab interior is designed with painstaking attention to every detail. The fully-adjustable driving position features ergonomically-arranged controls and a telescopic tilt-adjustable steering column which tilts with the instrument panel, allowing the driver to constantly monitor the tractor operation. Optionally, the operator station can be fitted with an air suspension seat for extra comfort. The air-conditioning system has been improved by relocating the filters into the rear posts for easier cleaning. As a result, the cab roof could be redesigned with a slimmer profile allowing the tractor overall height to be reduced. The cab is totally isolated from the outside environment through tinted glass windows and an efficient pressurisation system. Both the front and rear windscreens can be opened to provide natural ventilation. A clear roof hatch provides extra visibility for loader work and four powerful halogen lights ensure excellent illumination for night work. The version with iso-mounted platform is equally comfortable and ergonomically designed as the cab version.



HIGH PERFORMANCE HYDRAULICS AND HIGHLY VERSATILE REMOTE VALVES

The new hydraulic system provides a maximum total flow of 21.6 gpm (82 l/min) (power lift + steering). The system features four remote valves with lever controls conveniently placed to the driver's right. Two of the valves are controlled by a joystick and operate either a front loader or a front power lift; the other two are controlled by levers allowing a versatile and efficient use of the implements.



DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)

	5-090H	5-100H	5-110H	5-115H
FRONT TYRES	380/70 R24	380/70 R24	380/70 R24	380/70 R24
REAR TYRES	480/70 R34	480/70 R34	480/70 R34	480/70 R34
A – LENGTH (WITH BALLAST) IN.(MM)	173.8(4414)	173.8(4414)	173.8(4414)	173.8(4414)
B – MIN. WIDTH IN.(MM)	83.5(2121)	83.5(2121)	83.5(2121)	83.5(2121)
C – WHEELBASE 2WD/4WD IN.(MM)	87.5/91(2223/2320)	87.5/91(2223/2320)	87.5/91(2223/2320)	-/91(-/2320)
D – HEIGHT TO SAFETY FRAME IN.(MM)	102.5(2610)	102.5(2610)	102.5(2610)	102.5(2610)
D – HEIGHT OVER CAB IN.(MM)	99/101.5(2523/2582)	99/101.5(2523/2582)	99/101.5(2523/2582)	99/101.5(2523/2582)
E – GROUND CLEARANCE 4RM IN.(MM)	13.5/16(350/409)	13.5/16(350/409)	13.5/16(350/409)	13.5/16(350/409)