

RPE8 – RPE7
SERIE 7 LWB
STAGE V – TIER3

PRODUCT INFORMATION MANUAL

WARNINGS

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Every effort has been made to ensure that the information contained in this publication are as accurate as possible.

However, inaccuracies, errors or omissions may occur and the details of the specifications may be changed at any time without notice.

Therefore, all specifications must be confirmed with the Landini dealers or distributors prior to any purchase.

HIGHLIGHTS

Performance

Technology

Design

Comfort

Efficiency



PRODUCT LINE UP – HIGH REGULATED COUNTRIES

SERIE7 Robo-Six

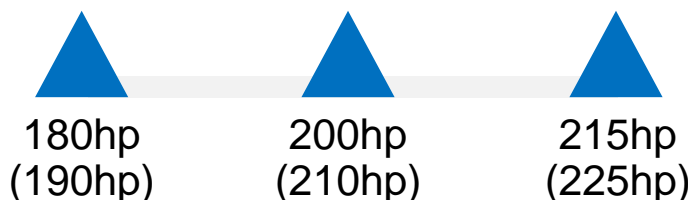
7-200

7-210

7-230

STAGE V

6 CYL 6 POWERSHIFTS
MAX POWER (with EPM)



SERIE7 V-Shift

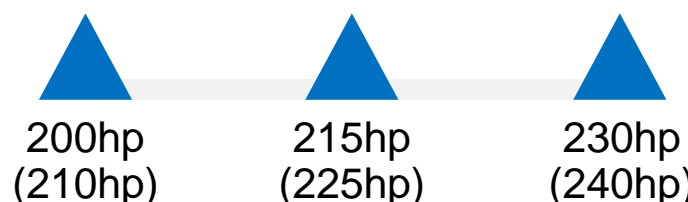
7-210

7-230

7-240

STAGE V

6 CYL 4 STAGES CVT
MAX POWER (with EPM)



PRODUCT LINE UP – LOW REGULATED COUNTRIES

SERIE7 Robo-Six

7-160

7-200

7-230

TIER 3

6 CYL 6 POWERSHIFTS
MAX POWER (with EPM)

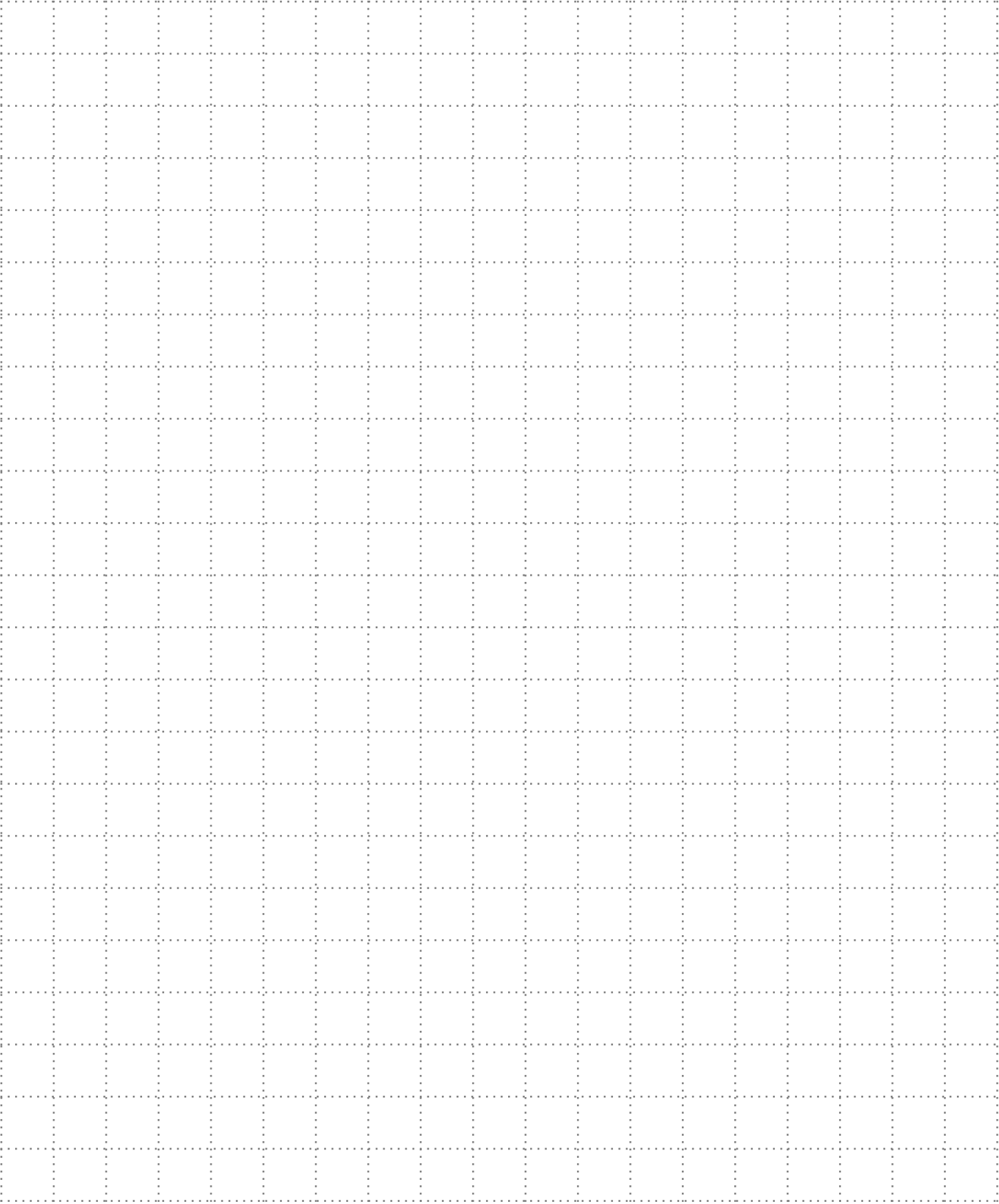
▲
151hp
(166hp)

▲
180hp
(190hp)

▲
215hp
(225hp)



NOTES





Passion for Innovation.

LINE-UP & NEW FEATURES

LANDINI SERIE 7 LWB
RPE8 RPE7

NEW FEATURES

New Stage V iso-mounted engine

New hood & roof style in line with Landini family feeling

New PowerShift transmission functions

New DSM menus with new functions

Up to 12 LED roof working lights - 360° night visibility

Landini Blue Icon version



LANDINI Blue Icon Version

Landini Blue Icon

Black rim tyres



SERIE 7 LWB STAGE V

PRODUCT INFORMATION MANUAL

SERIE 7 Robo-Six STAGE IV vs STAGE V

MODEL		7-200	7-220	7-230	7-200	7-210	7-230
ENGINE PERFORMANCE							
Max power (w/ EPM)	hp/kW	181/133 – (192/142)	191/140 – (211/156)	205/151 – (225/166)	180/132 – (190/140)	200/147 – (210/155)	215/158 – (225/166)
Max torque (w/ EPM)	Nm	758 (800)	800 (860)	850 (897)	756 (778)	840 (860)	904 (921)
Max torque erpm	rpm	1400			1400		
Torque backup (with EPM)		36% (41%)			36% (41%)		
Engine type - Installation type		NEF 67 - 6 cyl iso-mounted			NEF 67 - 6 cyl iso-mounted		
Displacement	cm ³	6700			6700		
Exhaust post-treatment		Stage IV - Hi-eSCR (DOC+SCR)			Stage V - HI-eSCR2 (DOC+SCRoF)		
Maintenance		500 hours interval maintenance			1000 hours interval maintenance		
CAPACITIES							
Fuel tank	litres	320			320		
AdBlue / DEF tank	litres	46			52		
TRANSMISSION							
Type		Robo-Six - 6 powershift & 5 robotized ranges			Robo-Six - 6 powershift & 5 robotized ranges		
No. of gears		<ul style="list-style-type: none"> • 30+15 w/ creeper - ○ 54+27 w/o creeper 			<ul style="list-style-type: none"> • 30+15 w/ creeper - ○ 54+27 w/o creeper 		
40 km/h - erpm	rpm	• 1577			• 1577		
50 km/h - erpm	rpm	○ 1971			○ 1971		
APS - Auto PowerShift		• Auto Powershift & ranges shifting electro-controlled			• Smart Auto Powershift & ranges shifting electro-controlled		
REAR PTO							
Type		electro-hydraulic multidisc w/ modulation			electro-hydraulic multidisc w/ modulation		
Speeds		540 / 540 E / 1000 / 1000 E			540 / 540 E / 1000 / 1000 E		
FRONT AND REAR AXLES							
Front axle		• Rigid - ○ IFS Suspended axle			• Rigid - ○ IFS Suspended axle		
HYDRAULIC SYSTEM							
CCLS flow rate		• 123 l/min - ○ 160 l/min with Ultraflow			• 123 l/min - ○ 160 l/min with Ultraflow		
Rear spool valves (RH console)		• 3 mechanical - ○ up to 3 M + 1 EHR			• 3 mechanical - ○ up to 3 M + 2 EHR (Dynamic)		
Rear spool valves (MF armrest)		• 3 EHR - ○ up to 4+2EHR w/front hitch			• 4 EHR - ○ up to 4+2 EHR w/front hitch (Dynamic)		
Flow divider with flow selector		NA			○ 3 sections with push-pull connectors		
Flow divider flow rate	l/min	NA			60 l/min per section		
Free flow return only		-			•		
Power Beyond		○ ready or with push-pull connectors			○ ready or with push-pull connectors		
Mid mounted valves-flow rate		2 electro-hydraulics (with joystick) - 100 l/min			2 electro-hydraulics (with joystick) - 100 l/min		
Hydraulic oil take out	litres	40			40		
REAR 3-POINT HITCH							
Category - hitch type		III - quick hitch type			III - quick hitch type		
Max lifting capacity	kg	• 6400 - ○ 9300			• 6400 - ○ 9300		
FRONT 3-POINT HITCH							
Category & hitch type		○ III N with quick hitch type			○ III N with quick hitch type		
Max lifting capacity	kg	3500			3500		
FRONT PTO							
Type		○ electro-hydraulic multidisc w/ engage modulation			○ electro-hydraulic multidisc with engage modulation		
Speeds		1000			1000		
CAB							
Première Cab		• 4 post cab fixed on silent block			• 4 post cab fixed on silent block (Active)		
Mechanical suspension		○ mechanical cab suspension			• mechanical cab suspension (• Dynamic ○ Active)		
Noise level in cab	dB(A)	70			70		
Working lights (Active)		• 10 halogen			• 18 halogen		
Working lights (Dynamic)		• 16 halogen - ○ 16 LED			• 18 halogen - ○ 20 LED		
ON-BOARD TECHNOLOGY							
ISOBus (front & rear)		○			○		
PSM & EazySteer		○ ready, full kit EGNOS, full kit RTK NTRIP			○ ready, full kit EGNOS, full kit RTK NTRIP		
Fleet Management		NA			• ready - ○ 3/5 years full plan (factory fitted)		
Remote Diagnostic Manag.		NA			○ 3/5 years full plan (with Fleet Management)		
WEIGHT AND DIMENSIONS							
Wheelbase	mm	2820			2820		
Cab height (w/PSM)	mm	3044 (3159) - measured with tyres 540/65R30 - 650/65R42			3044 (3159) - measured with tyres 540/65R30 - 650/65R42		
Max length	mm	5360			5360		
Steering radius	mm	5400 measured with tyres 540/65R30 - 650/65R42			5400 measured with tyres 540/65R30 - 650/65R42		
Weight w/ average	kg	7160			8300		
Gross vehicle weight	kg	13000			13000		
Max tires (IR)	mm	600/60R30 (IR 700) - 710/60R42 (IR 925)			600/60R30 (IR 700) - 710/60R42 (IR 925)		

SERIE 7 LWB STAGE V

PRODUCT INFORMATION MANUAL



SERIE 7 V-Shift STAGE IV vs STAGE V

MODEL		7-200	7-210	7-230	7-240
ENGINE PERFORMANCE					
Max power (w/ EPM)	hp/kW	181/133 – (192/142)	200/147 - (210/155)	215/158 - (225/166)	230/169 - (240/176)
Max torque (w/ EPM)	Nm	758 (800)	840 (860)	904 (921)	966 (983)
Max torque erpm	rpm	1400	1400	1400	1400
Torque backup (with EPM)		36% (41%)	36% (41%)	36% (41%)	36% (41%)
Engine type - Installation type		NEF 67 - 6 cyl iso-mounted	NEF 67 - 6 cyl iso-mounted	NEF 67 - 6 cyl iso-mounted	NEF 67 - 6 cyl iso-mounted
Displacement	cm ³	6700	6700	6700	6700
Exhaust post-treatment		Stage IV - Hi-eSCR (DOC+SCR)	Stage V - HI-eSCR2 (DOC+SCRoF)	Stage V - HI-eSCR2 (DOC+SCRoF)	Stage V - HI-eSCR2 (DOC+SCRoF)
Maintenance		500 hours interval maintenance	1000 hours interval maintenance	1000 hours interval maintenance	1000 hours interval maintenance
CAPACITIES					
Fuel tank	litres	320		350	
AdBlue / DEF tank	litres	46		52	
TRANSMISSION					
Type		V-Shift – CVT ZF TMT 18	V-Shift – CVT ZF TMT 20 with Smart Power Zero	V-Shift – CVT ZF TMT 20 with Smart Power Zero	V-Shift – CVT ZF TMT 20 with Smart Power Zero
No. of Stages		• 4 electro-hydraulic ranges	• 4 electro-hydraulic ranges	• 4 electro-hydraulic ranges	• 4 electro-hydraulic ranges
40 km/h - erpm	rpm	• 1505	• 1505	• 1505	• 1505
50 km/h - erpm	rpm	○ 1880	○ 1880	○ 1880	○ 1880
REAR PTO					
Type		electro-hydraulic multidisc w/ modulation	electro-hydraulic multidisc w/ modulation	electro-hydraulic multidisc w/ modulation	electro-hydraulic multidisc w/ modulation
Speeds		540 / 540 E / 1000 / 1000 E	540 / 540 E / 1000 / 1000 E	540 / 540 E / 1000 / 1000 E	540 / 540 E / 1000 / 1000 E
FRONT AND REAR AXLES					
Front axle		• Rigid - ○ IFS Suspended axle	• Rigid - ○ IFS Suspended axle	• Rigid - ○ IFS Suspended axle	• Rigid - ○ IFS Suspended axle
HYDRAULIC SYSTEM					
CCLS flow rate		• 123 l/min	• 123 l/min - ○ 160 l/min with Ultraflow	• 123 l/min - ○ 160 l/min with Ultraflow	• 123 l/min - ○ 160 l/min with Ultraflow
Rear spool valves		• 3 EHR - ○ up to 4+2EHR w/front hitch	• 4 EHR - ○ up to 4+2 EHR w/front hitch (Dynamic)	• 4 EHR - ○ up to 4+2 EHR w/front hitch (Dynamic)	• 4 EHR - ○ up to 4+2 EHR w/front hitch (Dynamic)
Flow divider with flow selector		NA	○ 3 sections with push-pull connectors	○ 3 sections with push-pull connectors	○ 3 sections with push-pull connectors
Flow divider flow rate	l/min	NA	60 l/min per section	60 l/min per section	60 l/min per section
Free flow return only		-	•	•	•
Power Beyond		○ ready or with push-pull connectors	○ ready or with push-pull connectors	○ ready or with push-pull connectors	○ ready or with push-pull connectors
Mid mounted valves-flow rate		2 electro-hydraulics (with joystick) - 100 l/min	2 electro-hydraulics (with joystick) - 100 l/min	2 electro-hydraulics (with joystick) - 100 l/min	2 electro-hydraulics (with joystick) - 100 l/min
Hydraulic oil take out	litres	40	40	40	40
REAR 3-POINT HITCH					
Category - hitch type		III - quick hitch type	III - quick hitch type	III - quick hitch type	III - quick hitch type
Max lifting capacity	kg	• 6400 - ○ 9300	• 6400 - ○ 9300	• 6400 - ○ 9300	• 6400 - ○ 9300
FRONT 3-POINT HITCH					
Category & hitch type		○ III N with quick hitch type	○ III N with quick hitch type	○ III N with quick hitch type	○ III N with quick hitch type
Max lifting capacity	kg	3500	3500	3500	3500
FRONT PTO					
Type		○ electro-hydraulic multidisc w/ e. modulation	○ electro-hydraulic multidisc with engage modulation	○ electro-hydraulic multidisc with engage modulation	○ electro-hydraulic multidisc with engage modulation
Speeds		1000	1000	1000	1000
CAB					
Première Cab		• 4 post cab fixed on silent block	• mechanical cab suspension	• mechanical cab suspension	• mechanical cab suspension
Mechanical suspension		○ semi – active cab suspension system	○ semi – active cab suspension system	○ semi – active cab suspension system	○ semi – active cab suspension system
Noise level in cab	dB(A)	70	70	70	70
Working lights (Dynamic)		• 16 halogen - ○ 16 LED	• 18 halogen - ○ 20 LED	• 18 halogen - ○ 20 LED	• 18 halogen - ○ 20 LED
ON-BOARD TECHNOLOGY					
ISOBus (rear)		○	○	○	○
PSM & EazySteer		○ ready, full kit EGNOS, full kit RTK NTRIP	○ ready, full kit EGNOS, full kit RTK NTRIP	○ ready, full kit EGNOS, full kit RTK NTRIP	○ ready, full kit EGNOS, full kit RTK NTRIP
Fleet Management		NA	• ready - ○ 3/5 years full plan (factory fitted)	• ready - ○ 3/5 years full plan (factory fitted)	• ready - ○ 3/5 years full plan (factory fitted)
Remote Diagnostic Manag.		NA	○ 3/5 years full plan (with Fleet Management)	○ 3/5 years full plan (with Fleet Management)	○ 3/5 years full plan (with Fleet Management)
WEIGHT AND DIMENSIONS					
Wheelbase	mm	2820	2820	2820	2820
Cab height (w/PSM)	mm	3044 (3159) - w/ 540/65R30 - 650/65R42	3044 (3159) - measured with tyres 540/65R30 - 650/65R42	3044 (3159) - measured with tyres 540/65R30 - 650/65R42	3044 (3159) - measured with tyres 540/65R30 - 650/65R42
Max length	mm	5360	5360	5360	5360
Steering radius	mm	5400 w/ 540/65R30 - 650/65R42	5400 measured with tyres 540/65R30 - 650/65R42	5400 measured with tyres 540/65R30 - 650/65R42	5400 measured with tyres 540/65R30 - 650/65R42
Weight w/ average	kg	7360	8300	8300	8300
Gross vehicle weight	kg	13000	13000	13000	13000
Max tires (IR)	mm	600/60R30 (IR 700) - 710/60R42 (IR 925)	600/60R30 (IR 700) - 710/60R42 (IR 925)	600/60R30 (IR 700) - 710/60R42 (IR 925)	600/60R30 (IR 700) - 710/60R42 (IR 925)

BENEFITS & COMPETITIVE ADVANTAGES

- New FPT StageV iso-mounted engine 6 cylinder without EGR and improved fuel injection strategy
INCREASED ENGINE REACTIVITY WITH LOWER PM EMISSIONS
- New 6 cylinder platform with iso-mounted engine with compact wheelbase
IMPROVED TRACTION AND WEIGHT DISTRIBUTION
- New DSM software and new command lever with new MyFunctions buttons (armrest only)
ENHANCED DRIVING EXPERIENCE & TRACTOR FUNCTIONS MANAGEMENT
- Hood and roof style with the new LANDINI family feeling
ENHANCED TRACTOR STYLE AND FUNCTIONAL DESIGN
- New tyres configuration VF600/60R28 – VF710/60R42 or 600/60R28 – 710/70R38
OUTSTANDING COMFORT & STABILITY DURING ROAD TRANSPORT
LOWER SOIL COMPACTION IN FIELD OPERATIONS
IMPROVED TRACTION & PERFORMANCES (E.G. OUT FURROW PLOWING OPERATION)
- V-Shift 4 stages ZF Continuous Variable Transmission
HIGHER PERFORMANCE, LESS POWER LOSS AND FASTER, SMOOTHER ACCELERATION THAN A 2-STAGE TRANSMISSION
- New SPZ Smart Power Zero on V-Shift version
BETTER DRIVING EXPERIENCE AND COMFORT THANKS TO THE POWER ZERO FUNCTION AND THE SMART POWER ZERO MANAGEMENT
- Ultra-Flow hydraulic option
FOR CUSTOMERS WHO NEED HIGHER OIL FLOW DEMAND FOR LOADERS AND TRAILERS' OPERATIONS
- Flow selector with up to 6 push-pull connectors (also with mechanical rear remote valves)
INCREASED HYDRAULIC REAR SPOOLS ALSO IN ENTRY-LEVEL CONFIGURATION
- Free flow return in standard equipment
FOR EVERY IMPLEMENT WHICH REQUEST HIGH DRAIN OIL FLOW WITHOUT THE NEED OF THE POWER BEYOND
- Fleet management and GNSS autoguidance antenna factory-fit solution
ENHANCED DESIGN WITH COMPACT & INTEGRATED SOLUTION
INCREASED SECURITY PREVENTING PARTS TO BE STOLEN
- New Dromone® Automatic Pick-Up Hitch with new release lever in cab mounted
IMPROVED OPERATOR COMFORT
DYNAMIC BRAND COMPONENTS
- New darker cab interiors
IMPROVED CLEAN LOOK & DIRT RESISTANCE

NOTES

A large grid of dotted lines for taking notes, consisting of 20 columns and 25 rows of small squares.



Passion for Innovation.

VERSIONS

LANDINI SERIE 7 LWB

RPE8 – RPE7

ROBO-SIX ACTIVE VERSION WITH RH CONSOLE

RH console

EasyPilot

3 mech. spool valves (std)

3 mech. + 1 EHR spool valves (opt)

3 mech. + 2 EHR spool valves (opt)

3 ways flow selector with 6 push-pull connectors (opt)



V-SHIFT & ROBO-SIX DYNAMIC VERSION

- Multi-function armrest (opt)
- EasyPilot
- MyFunctions, MyLights & MyHMF (std with multifunction armrest)
- 4 EHR spool valves
- 5, 4+2 EHR spool valves (opt)
- 3 ways flow selector with 6 push-pull connectors (opt)
- DSM touchscreen monitor - 12" (opt on Robo-Six) (std)
- Mechanical suspended cab (std)



NOTES

A large grid of dotted lines for taking notes, consisting of 20 columns and 25 rows of squares.



Passion for Innovation.

ENGINE

LANDINI SERIE 7 LWB

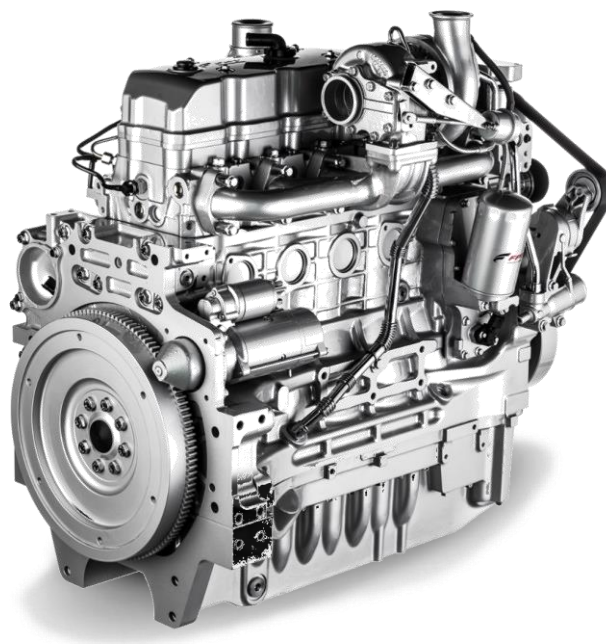
RPE8 – RPE7

ENGINE

LANDINI X7.6 is equipped by FPT **NEF 67** 6 cyl engines.

The NEF 67 engines are Stage V emission requirements compliant thanks to the HI-eSCR2 aftertreatment system.

The iso-mounted installation grants high maneuverability, traction and strongness.



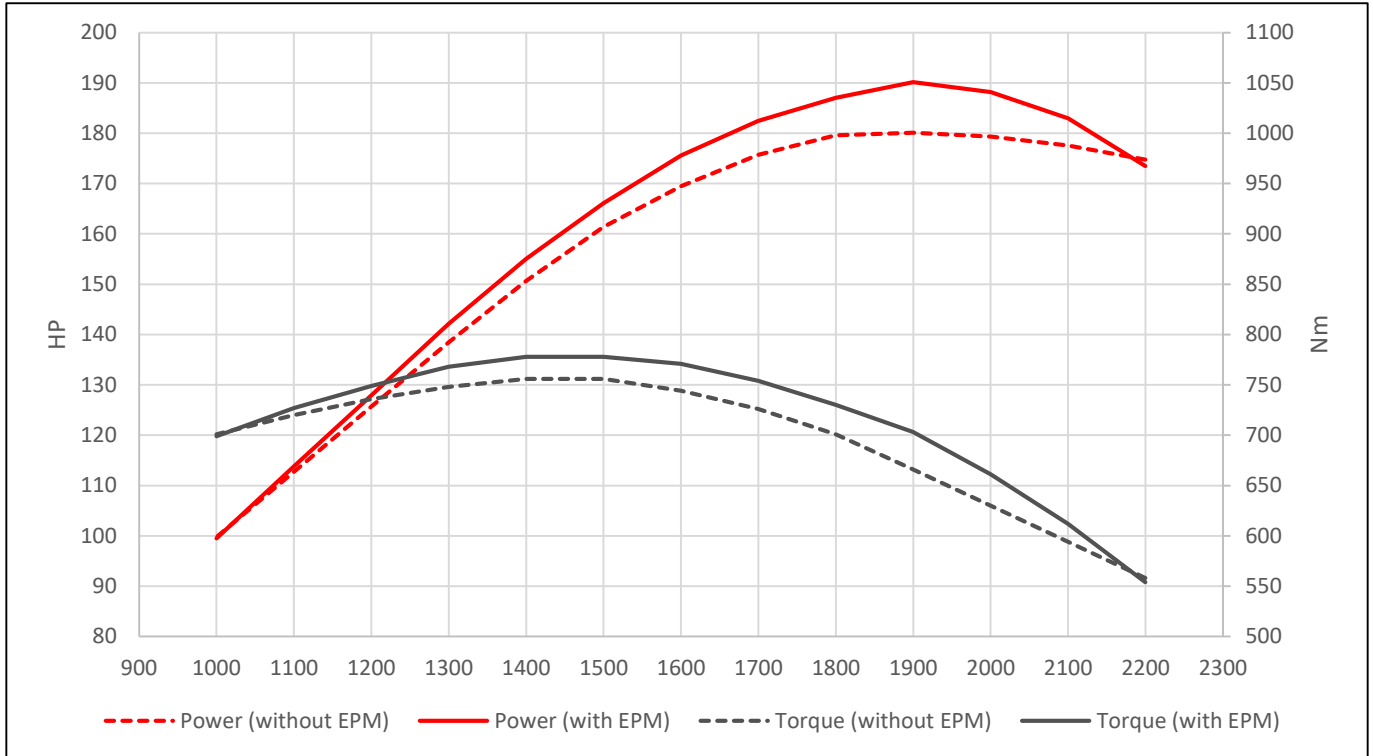
FPT NEF 67
POWERTRAIN TECHNOLOGIES

6 CYL STAGE V ENGINE

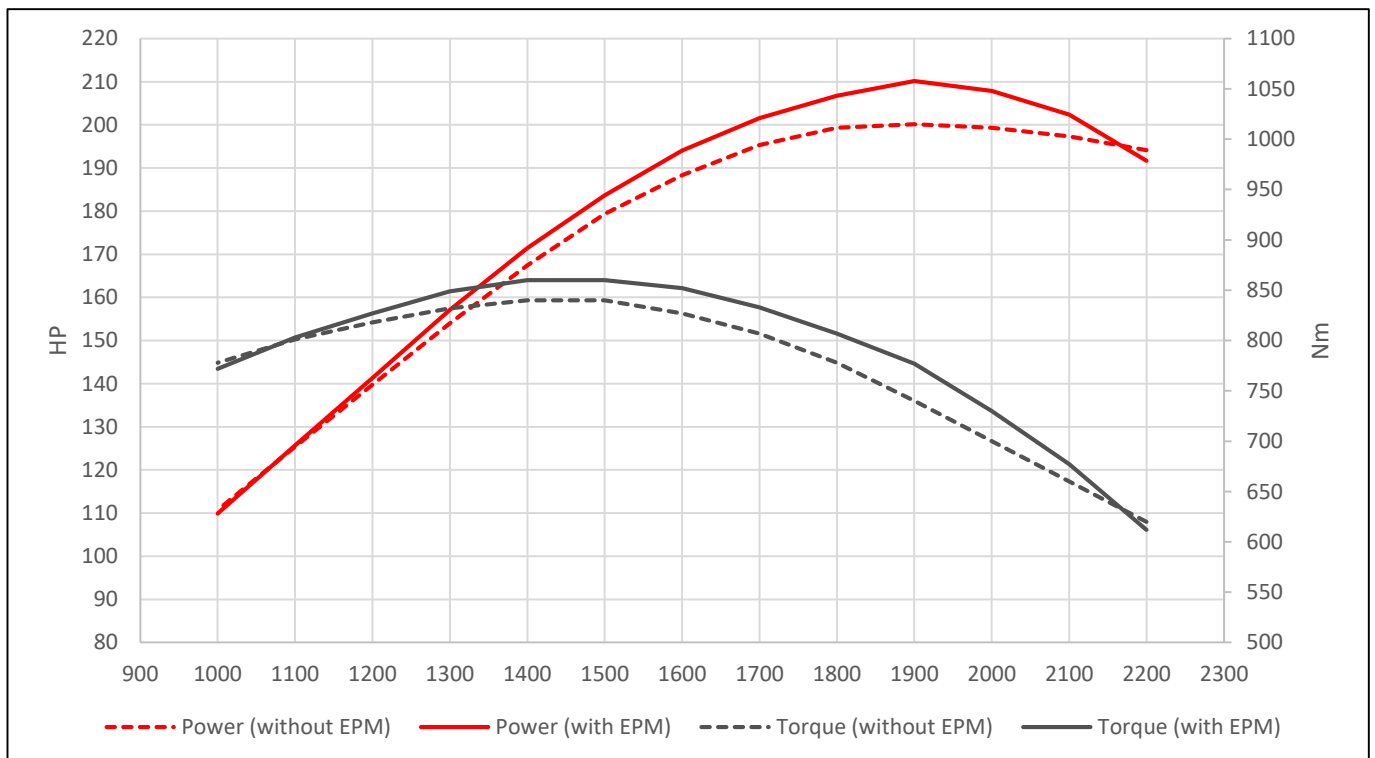
HI-eSCR2

ENGINE CURVES

7-200 POWER & TORQUE CURVES

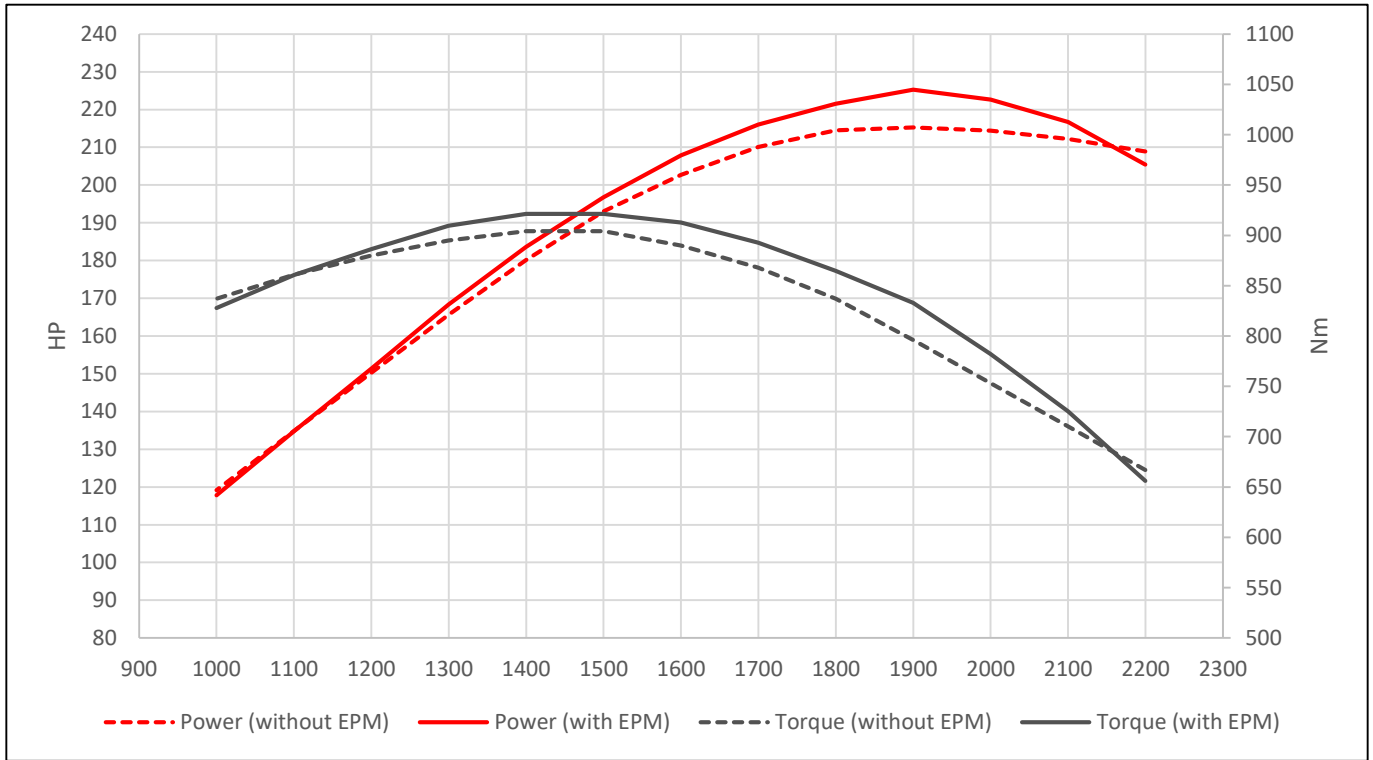


7-210 POWER & TORQUE CURVES

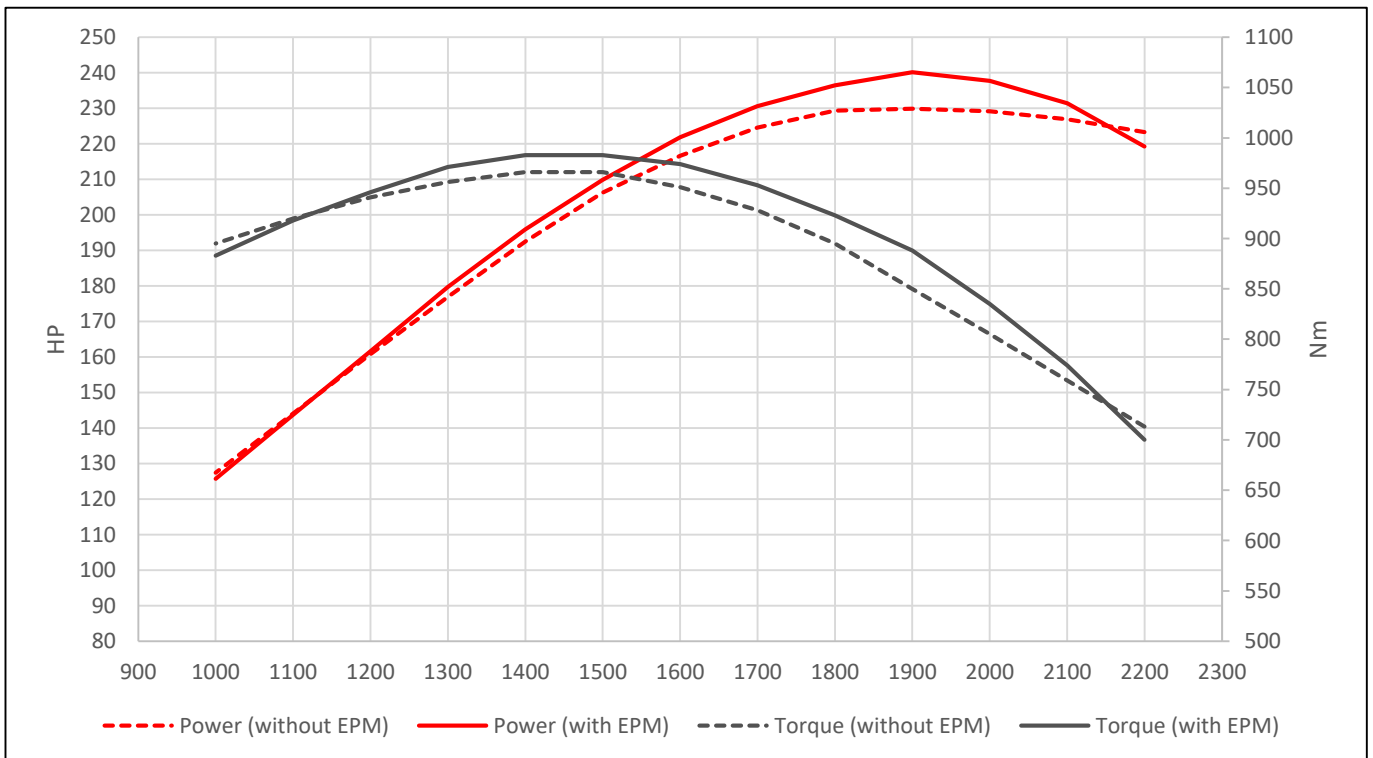


ENGINE CURVES

7-230 POWER & TORQUE CURVES



7-240 POWER & TORQUE CURVES



SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

ENGINE SPECS

MODEL		7-200	7-210	7-230	7-240
ENGINE PERFORMANCES					
Rated power	HP/kW	175 / 129	194 / 143	205 / 151	219 / 161
Rated power with EPM	HP/kW	175 / 129	194 / 143	205 / 151	219 / 161
Max power	HP/kW	180 / 132	200 / 147	215 / 158	230 / 169
Max power with EPM	HP/kW	190 / 140	210 / 155	225 / 166	240 / 176
Rated engine speed	rpm	2200			
Engine speed - max power	rpm	1900			
Max torque without EPM (with EPM)	Nm	756 (778)	840 (860)	904 (921)	966 (983)
Max torque engine speed	rpm	1400			
Torque backup without EPM (with EPM)		36% (41%)			
Manufacturer brand		FPT			
Engine type - Installation type		NEF 67 – iso-mounted engine			
Exhaust post-treatment Stage V / Tier 4 Final		HI-eSCR2			
No. of Cyls / Displacements / Valves		6 / 6,7 litres / 24			
Air filter system		air filter with pre-cleaning stage and dust ejector			
Air inlet system		turbo intercooler			
Fuel injection system		high pressure common rail electronically controlled			
Maintenance		1000 hours interval maintenance			
Cooling system		matrix radiator pack - coolers open out from a single latch			
Viscotronic fan		•			
CAPACITIES					
Fuel tank	litres	320 (Robo-Six) – 350 (V-Shift)			
AdBlue / DEF tank	litres	52			
Cooling system	litres	29			

MATRIX COOLING SYSTEM

Up to 90° hood opening angle

Single handle release

Easy access maintenance

Matrix parts opening system:

- 1 Water radiator
- 2 Oil / fuel radiator
- 3 Intercooler
- 4 Air conditioning condenser
- 5 Front PTO oil radiator



ENGINE BRAKE SYSTEM

By using the **electronic motorized throttle valve** of the turbocharger, the operator is allowed to **increase the brake torque** by pressing the Engine Brake pedal [1] in combination with the tractor's brakes [2].



BENEFITS & COMPETITIVE ADVANTAGES

- New NEF67 Stage V engine with improved fuel-injection strategy

PROVEN LOW FUEL CONSUMPTION & EMISSIONS

IMPROVED OVER-ALL PERFORMANCES

- 6 cyl iso-mounted engine installation

OUTSTANDING STABILITY & STRONGNESS

ENHANCED DESIGN & REDUCED TURNING RADIUS

- New single-piece hood with 90° opening angle

INCREASED SERVICEABILITY FOR ENGINE & UNDER-HOOD

COMPONENTS

- External blow-by filter

EASIER FILTER MAINTENANCE & REPLACEMENT

- Engine brake pedal standard equipped

GREAT BRAKING PERFORMANCES & MODULABILITY

GREAT OPERATOR SAFETY & COMFORT

- Cooling package with matrix opening system

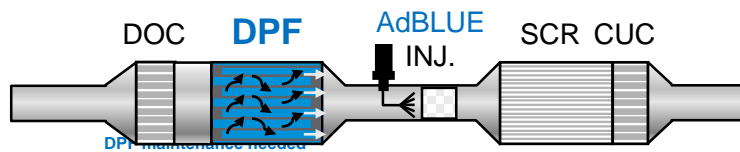
BEST-IN-CLASS MAINTENANCE SYSTEM

EASIER PARTS ACCESS FOR CLEANING & INSPECTIONS

HI-ESCR2 STAGE V AFTER TREATMENT SYSTEM

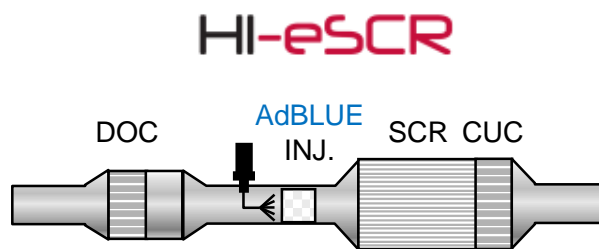
Competitor's after-treatment system with DPF

**STAGE V
DPF PATH**

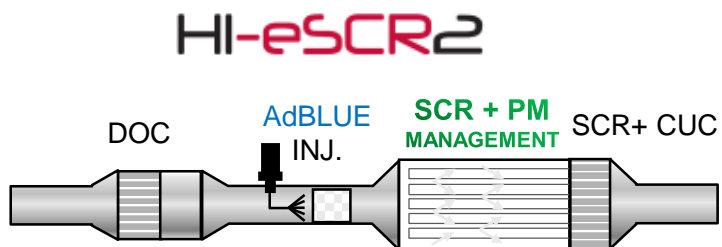


- FPT Hi-eSCR to Hi-eSCR2 after-treatment system's evolution

**STAGE IV
PREV. PATH**



**STAGE V
NEW PATH**



Covered by
13 patents

No impact on layout

Maintenance-free ATS

BENEFITS & COMPETITIVE ADVANTAGES

- EGR-free combustion with 1600bar Common-Rail 4 valves system
**MAXIMIZED POWER, TORQUE, TRANSIENT RESPONSIVENESS
AND FUEL EFFICIENCY**
**HIGH PRODUCTIVITY THANKS TO TOP POWER AND TORQUE
PERFORMANCE WITH MINIMUM FUEL CONSUMPTION**
- EGR-free single stage turbocharging solution
NO ADDITIONAL COOLING SYSTEM REQUIRED
NO COMPLEX RECIRCULATION SYSTEMS INSTALLED
- Maintenance-free Hi-eSCR2 with automatic exhaust flap
AUTOMATIC ATS THERMAL MANAGEMENT
EASE OF SERVICE AND MAXIMIZED MAINTENANCE UPTIME
LOW OPERATING AND MAINTENANCE COSTS
NO ATS REPLACEMENT OR FILTER CLEANING STOP NEEDED
LOW COSTS AND MAXIMIZED MACHINE UPTIME
- Compact design structural engine block integrated in vehicle chassis
EFFECTIVE, ROBUST, PROVEN AND RELIABLE ARCHITECTURE
SAME COMPACT AND LEAN ENGINE SYSTEM AS PER STAGE IV



Passion for Innovation.

TRANSMISSION & POWER TAKE-OFF

LANDINI SERIE 7 LWB
RPE8 – RPE7

ROBO-SIX TRANSMISSION

ROBO-SIX ZF TPT20 transmission

6 powershift and 5 robotized ranges

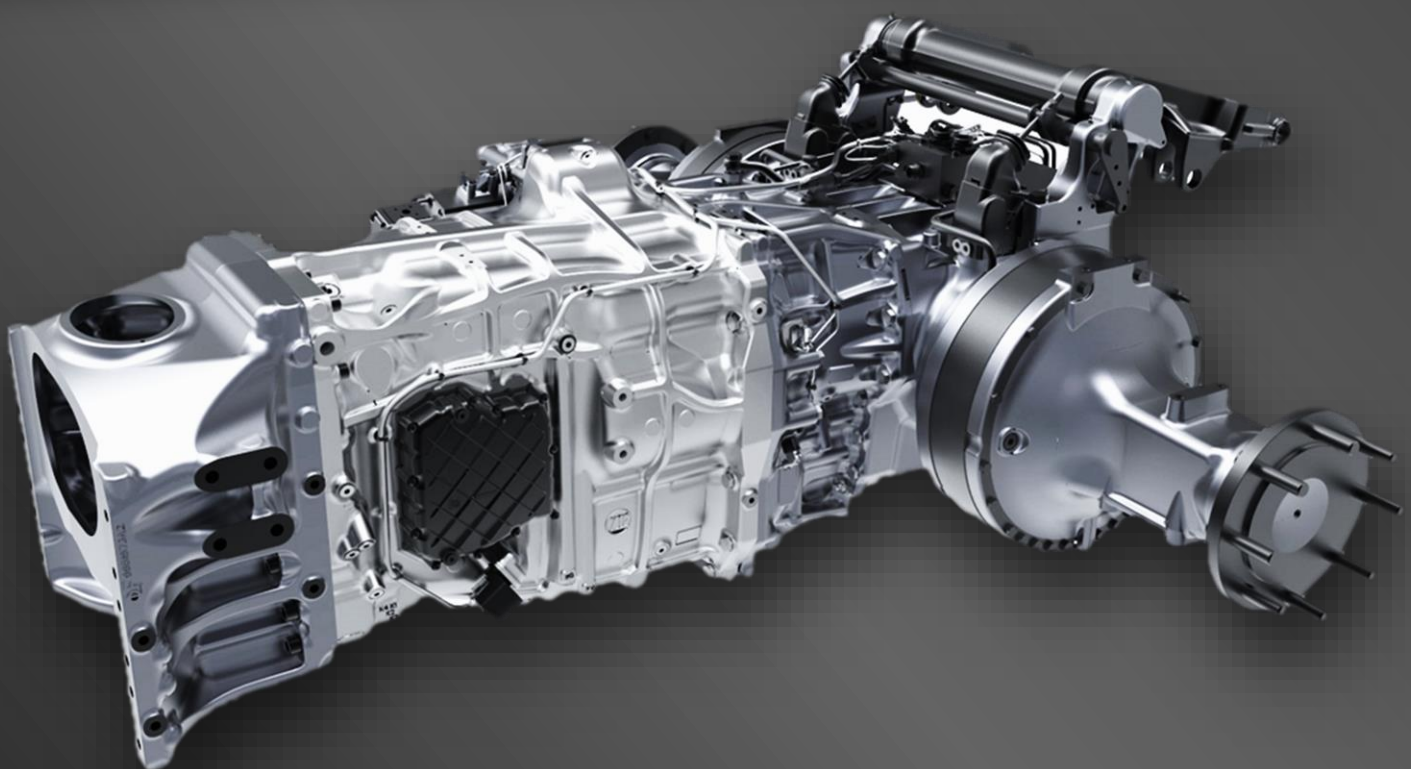
Max speed 50 km/h (eco @1971 rpm)

Min speed with creeper 400 m/h

RPS with modulation controls

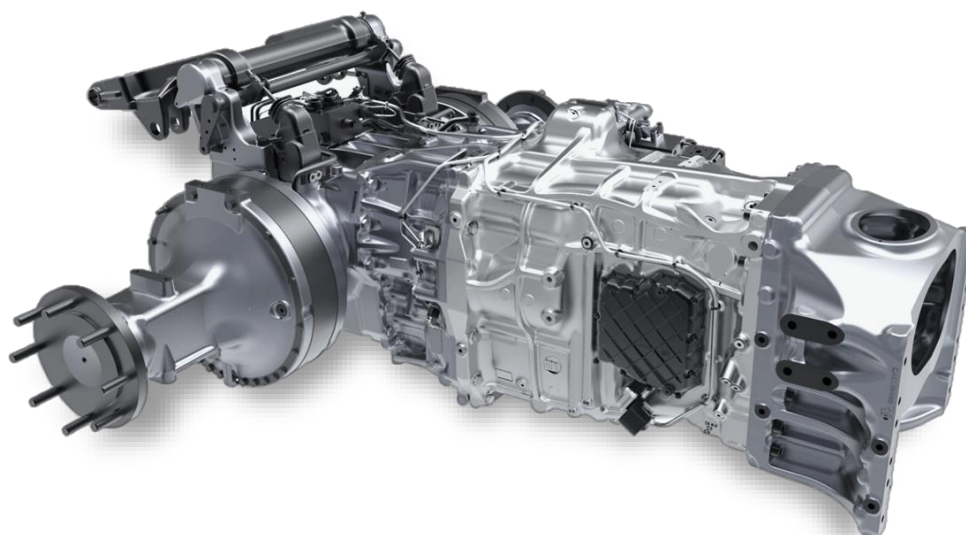
EasyPilot on RH & Multifunction armrest for
transmission management

4 speeds PTO



ROBO-SIX TRANSMISSION SPEC'S

MODEL	SERIE 7 Robo-Six	
TRANSMISSION		
Type	Robo-Six - 6 powershift and 5 robotized ranges	
No. of gears	<ul style="list-style-type: none"> ● 30 AV + 15 RM without creeper ○ 54 AV + 27 RM with creeper AV + 15 RM without creeper 	
Minimum speed	km/h	0,4 with creeper - 3,2 without creeper
40 km/h - engine speed	rpm	● - 1577
50 km/h - engine speed	rpm	○ - 1971
Transmission control	Easy Pilot on RH console (with mechanical spool valves) Easy Pilot with multi-functions armrest (on Robo-Six Dynamic & V-Shift)	
Reverse power shuttle	electro-hydraulic with engage modulation control	
APS - Auto PowerShift	<ul style="list-style-type: none"> ● - automatic powershift & ranges shifting electronical control 	
REAR PTO		
Type	electro-hydraulic multidisc with engage modulation	
Speeds	540 / 540 E / 1000 / 1000 E	
PTO rated speeds	rpm	2005 / 1608 / 1995 / 1600
PTO rotation	clockwise (from the rear tractor view)	
Rotation - spline shaft type	<ul style="list-style-type: none"> ● 1-3/8" PTO shaft with 6 - ○ 1-3/4" PTO shaft with 20 splines & 21 splines shaft 1' 3/8" 	



V-SHIFT TRANSMISSION

V-Shift Continuous Variable Transmission ZF TMT20 4 stages

SPZ Smart Power Zero system (std)

Max speed 50 km/h (eco @1690 rpm)

Min speed 40 m/h

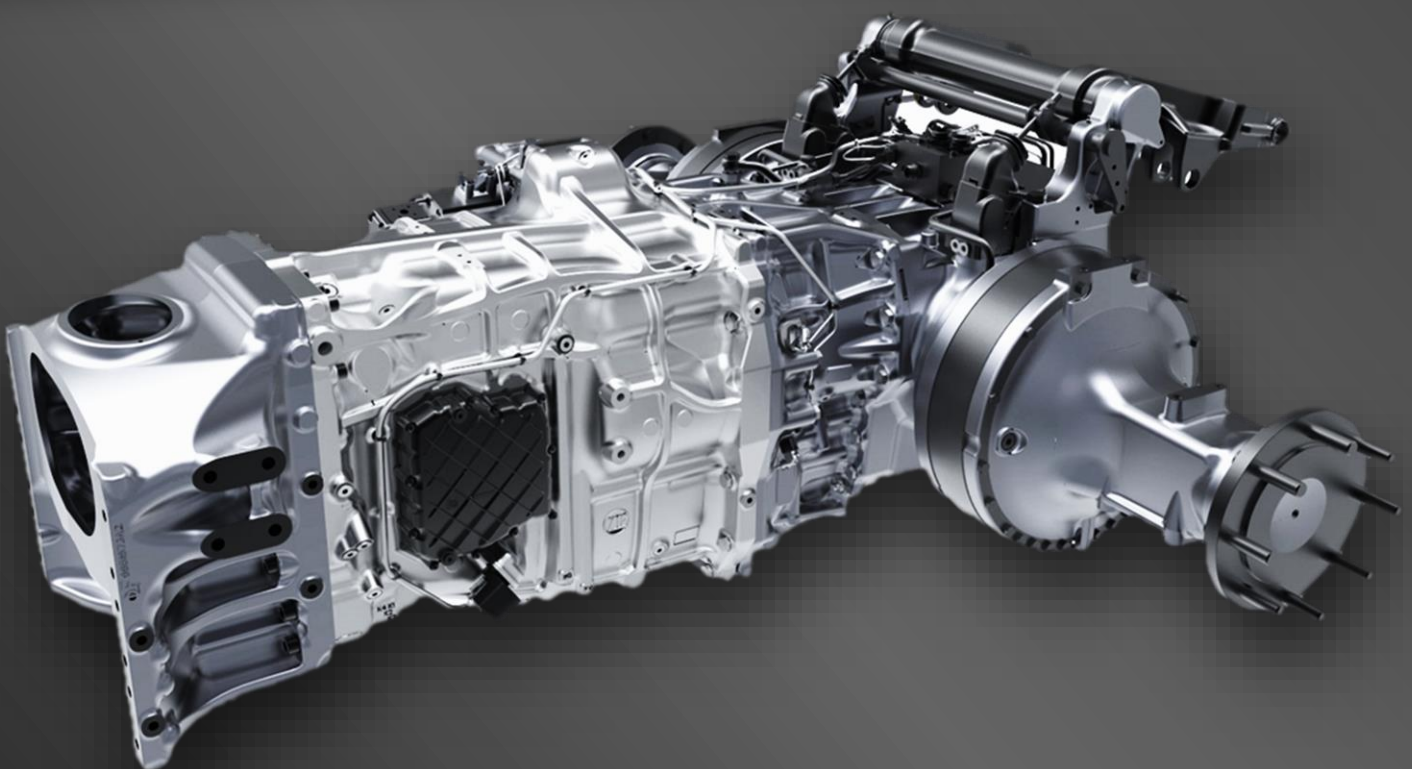
4 planetary gear set

Wet Clutches / No Dog Clutches

RPS with engage modulation management

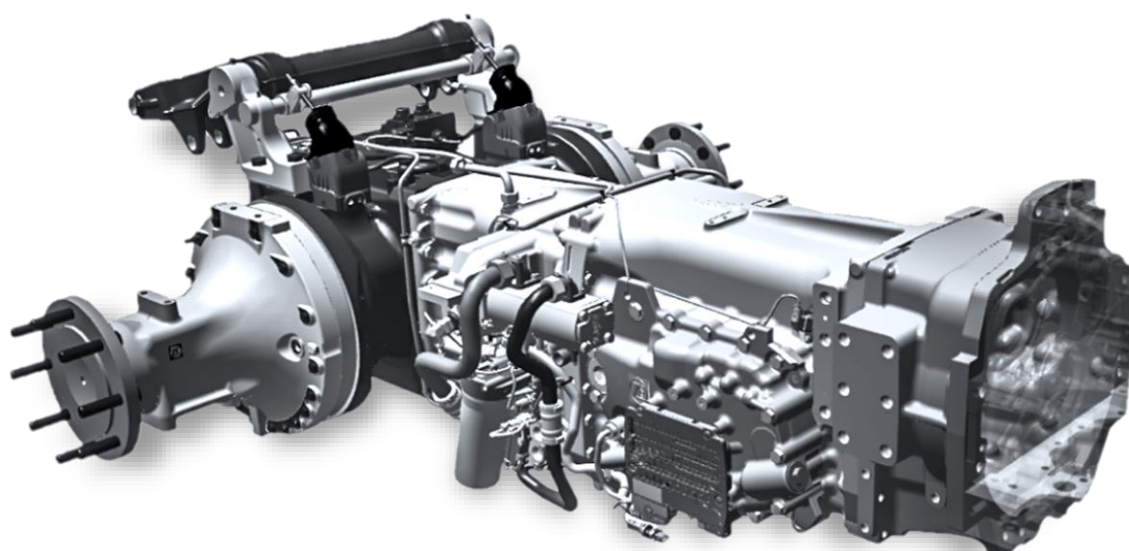
EasyPilot on Multifunction armest for transmission management

4 speeds PTO



V-SHIFT TRANSMISSION SPEC'S

MODEL		SERIE 7 V-Shift
TRANSMISSION		
Type	V-Shift - continuous variable transmission with Smart Power Zero	
No. of stages	4	
Minimum speed - engine rpm	m/h	40 - 2200
40 km/h - engine speed	rpm	● - 1550
50 km/h - engine speed	rpm	○ - 1690
Transmission control	Easy Pilot with multi-functions armrest	
Reverse power shuttle	electro-hydraulic with engage modulation control	
REAR PTO		
Type	electro-hydraulic multidisc with engage modulation	
Speeds	540 / 540 E / 1000 / 1000 E	
PTO rated speeds	rpm	2005 / 1608 / 1995 / 1600
PTO rotation	clockwise (from the rear tractor view)	
Rotation - spline shaft type	<ul style="list-style-type: none"> ● 6 splines shaft 1' 3/8" & 20 splines shaft 1' 3/4" ○ 21 splines shaft 1' 3/8" 	



REAR POWER TAKE-OFF

4 Speed PTO

540@2000 ERPM

540ECO@1600 ERPM

1000@2000 ERPM

1000 ECO @1600 ERPM

No power restriction in PTO mode

Modulated & adjustable start up

6 / 21 / 20 Spline Shafts

Auto PTO Adjustable Set Point



BENEFITS & COMPETITIVE ADVANTAGES

- New proportional hydraulic valves on Robo-Six transmission
SMOOTHER PS SHIFTING IN FIELD & TRANSPORT OPERATIONS
IMPROVED APS SYSTEM MANAGEMENT
- Stepless V-Shift transmission with 4 ranges on hydraulic clutches
PERFECT SMOOTH SHIFTING BEHAVIOURS
- Stepless V-Shift transmission with SPZ Smart Power Zero
**INCREASED OVERALL COMFORT & PERFORMANCES IN FIELD
AND IN TRANSPORT OPERATION**
- Robo-Six with 40kph ECO and 50kph ECO opt. and Stop & Action with brake pedal
**POWER SHIFT TRANSMISSION SUITABLE AND COMFORTABLE
ALSO FOR ROAD TRANSPORT**
- Boosted power in PTO and transport
**WITH PTO THE BOOSTED POWER IS AVAILABLE ALSO IN
STANDSTILL**

NOTES

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Passion for Innovation.

FRONT AXLE & CAB SUSPENSION

LANDINI SERIE 7 LWB
RPE8 – RPE7

IFS SUSPENDED FRONT AXLE

IFS - independent front suspension (opt)

hydraulically suspended

electronically controlled

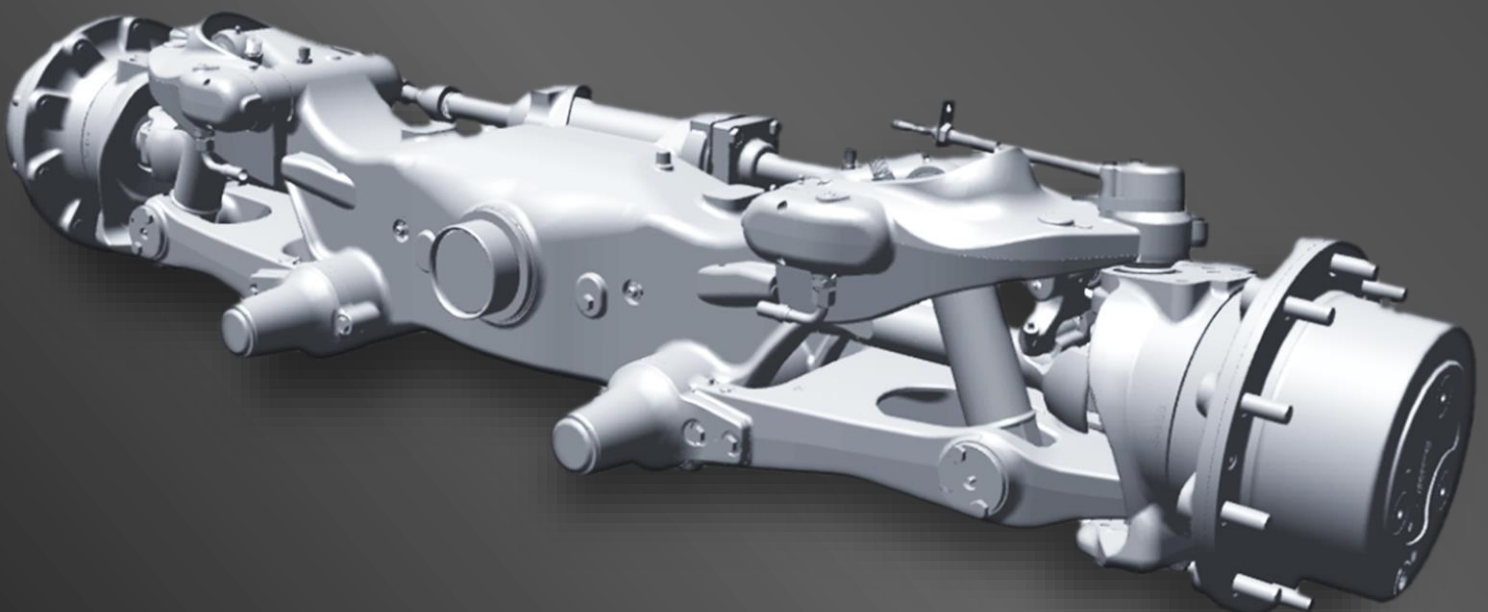
greater driving safety and comfort

outstanding comfort on and off road

100% Electrohydraulic 4WD & Diff lock

automatic Self-levelling

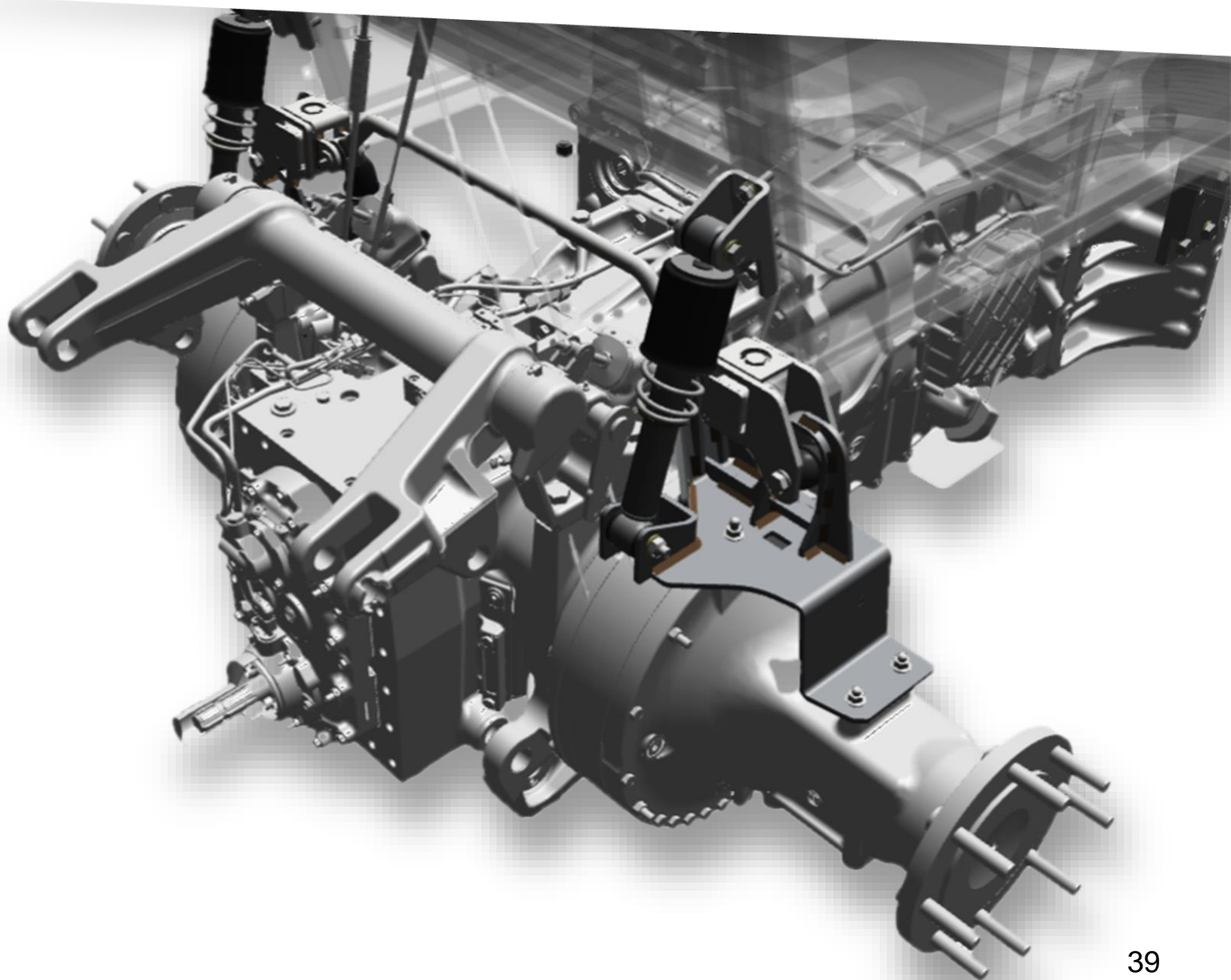
Kit aftermarket one point greasing system



MECHANICAL CAB SUSPENSION

Mechanical cab suspension system (std on Robo-Six Dynamic & V-Shift)

Semi-active cab suspension system (opt)



BENEFITS & COMPETITIVE ADVANTAGES

Independent link front suspension with center-pivot axle

**FOR THE BEST-IN-CLASS COMFORT WITH NO COMPROMISES ON
DRAFT WORK IN FIELD**

Rear mechanical cab suspensions with panhard schematic system

FOR COMFORTABLE RIDING IN BOTH FIELD AND ROAD

Rear Semi-Active cab suspensions system

**BEST IN CLASS COMFORTABLE RIDING IN BOTH FIELD AND
ROAD**

NOTES

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Passion for Innovation.

FRONT HITCH & POWER TAKE-OFF

LANDINI SERIE 7 LWB
RPE8 – RPE7

FRONT HITCH & FRONT POWER TAKE-OFF

Heavy duty front hitch (opt.)

3500 kg front lifting capacity

with additional couplings and remotes

Front PTO (opt.)

1000 rpm @ 2000 engine rpm

Electrical switches for front hitch control

CAT 3

Front weight – 800 – 1400 kg



FRONT HITCH & FRONT POWER TAKE-OFF SPECS

MODEL	SERIE 7 LWB Robo-Six & V-Shift
FRONT AND REAR AXLES	
Front rigid axle	●
Front suspended axle	○ - IFS with independent front wheels suspension system
Traction type	electro-hydraulic MFWD
Front differential lock	wet clutch 100% electro-hydraulic
Rear differential lock	wet clutch 100% electro-hydraulic
Rear axle - flanged type	●
Rear axle - bar axle type	○
BRAKING SYSTEM	
Front braking system	auto MFWD engagement while braking
Rear braking system	5 bath oil cooled discs
Trailer braking system	2 or 2+1 lines pneumatic system MR with or without single line hydraulic system, 2 line hydraulic system MR (40 km/h only)
Engine Brake	●
FRONT 3-POINT HITCH	
Front hitch electronically controlled	○ - with control position
Category - hitch type	III N - quick hitch type
Max lifting capacity at the hitches	kg 3500
FRONT PTO	
Type	○ - electro-hydraulic multidisc with engage modulation
Speed	1000
PTO rated speed	rpm 1920
Rotation - spline shaft type	○ - clockwise (from the front tractor view) ● 6 splines shaft 1' 3/8"
Rotation - spline shaft type	○ - counter clockwise (from the front tractor view) ● 21 splines shaft 1' 3/8"

NOTES

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Passion for Innovation.

HYDRAULICS & REAR LINKAGE

LANDINI SERIE 7 LWB
RPE8 – RPE7

ROBO-SIX ACTIVE - HYDRAULIC CONFIGURATIONS

CCLS (closed center load sensing system hydraulic circuit)

123 l/min with 52 l/min dedicated pump for steering (std)

160 l/min UltraFlow pump available as option (opt)

3 mechanical spool valves

80 l/min flow rate

3 mechanical +1 EHR spool valves (opt)

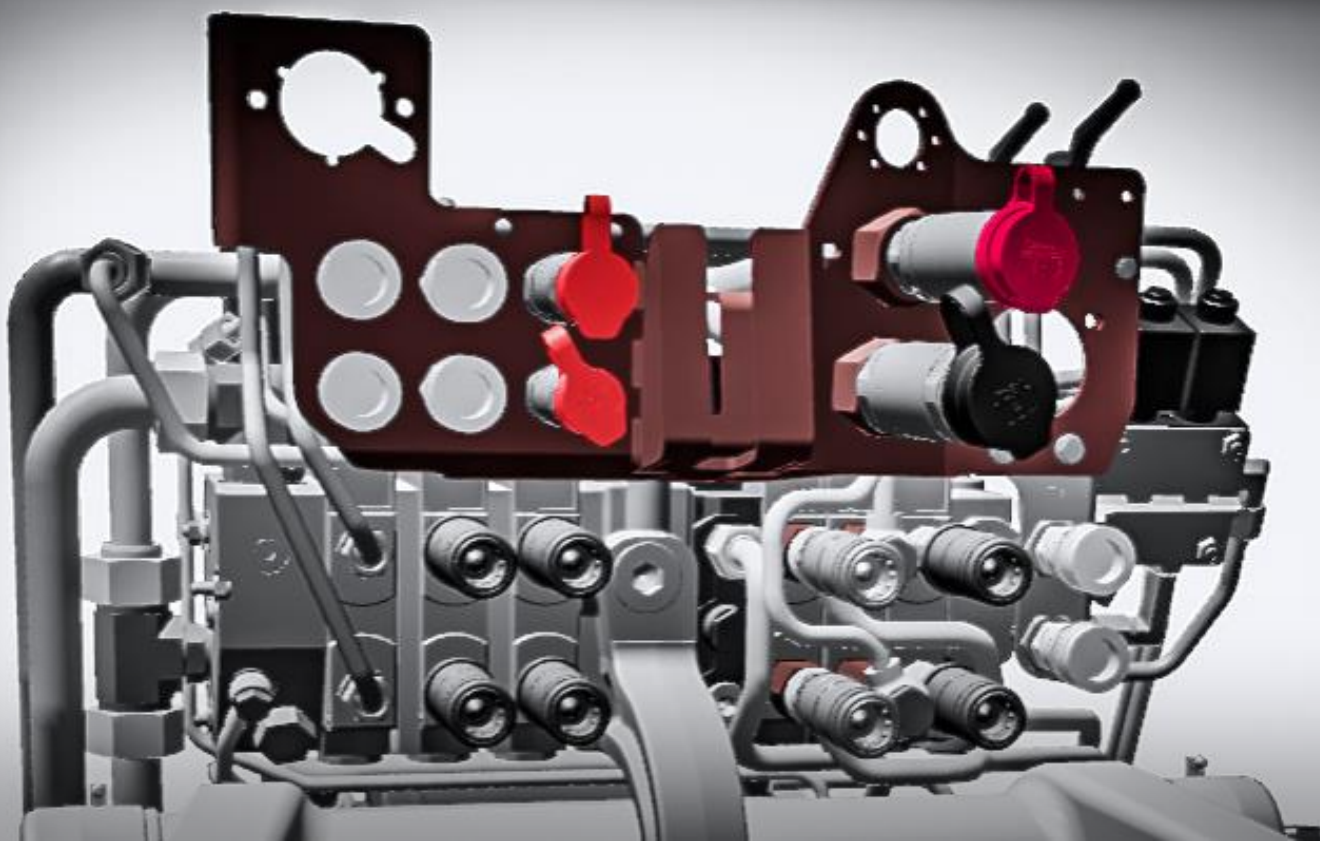
80 l/min flow rate

3 mechanical+2 EHR spool valves with flow divider & joystick (opt)

80 l/min flow rate

3 ways flow diverter with 3 push-pull connectors (opt)

60 l/min diverter flow rate



ROBO-SIX DYNAMIC & V-SHIFT - HYDRAULIC CONFIGURATIONS

CCLS (closed center load sensing system hydraulic circuit)

123 l/min with 52 l/min dedicated pump for steering

160 l/min UltraFlow pump available as option (opt)

4 EHR spool valves

100 l/min flow rate

5 EHR spool valves (opt)

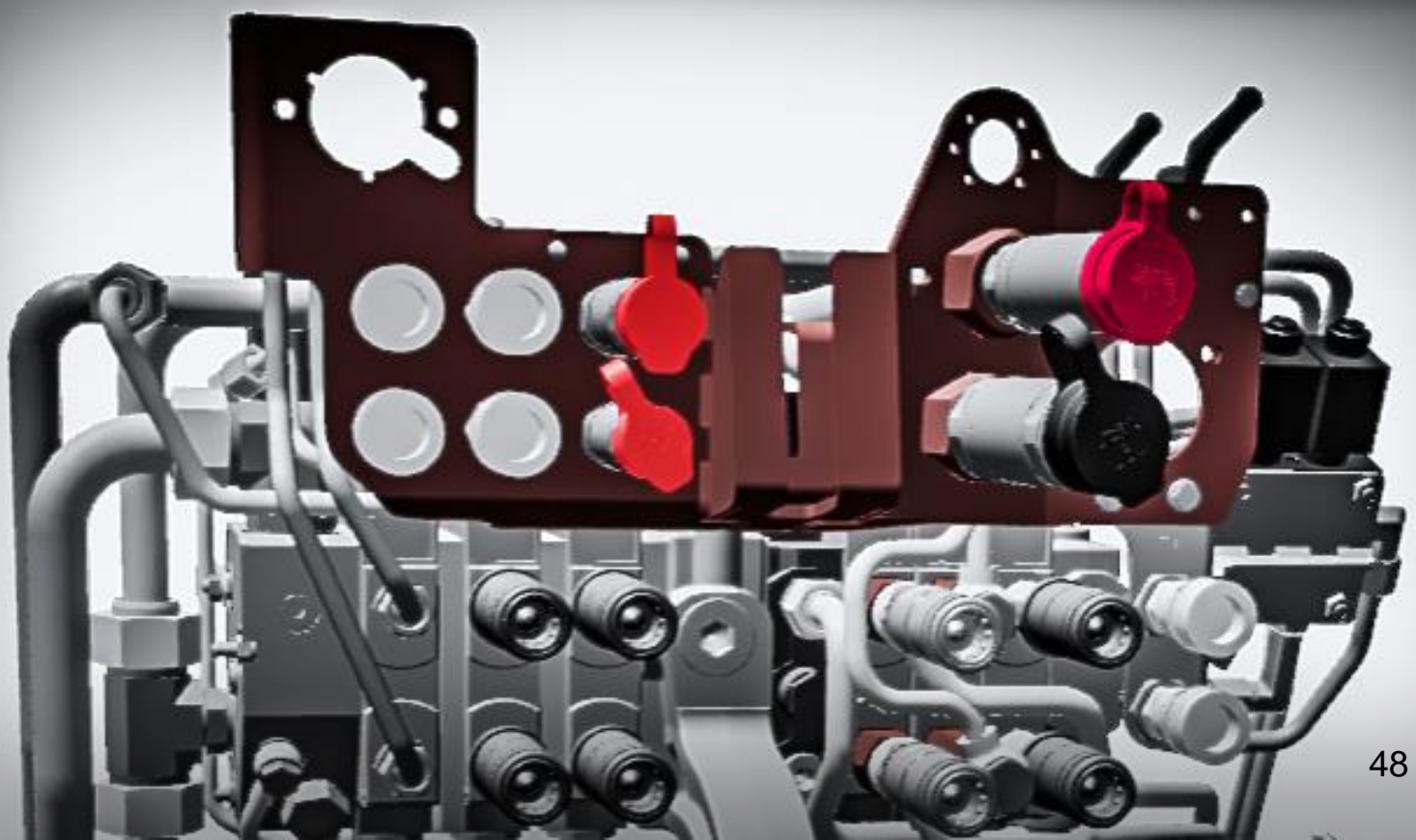
100 l/min flow rate

4+2 EHR spool valves for FH (opt)

100 l/min flow rate

3 ways flow diverter with 3 push-pull connectors (opt)

60 l/min diverter flow rate



ROBO-SIX ACTIVE - REAR LINKAGE CONFIGURATIONS

Rear linkage CAT 3

Quick hitches

Max rear lifting capacity at the hitches 6400 kg (std)
with additional cylinders Ø80 mm

Max rear lifting capacity at the hitches 9300kg (opt)
with additional cylinders Ø100 mm



ROBO-SIX DYNAMIC & V-SHIFT - REAR LINKAGE CONFIGURATIONS

Rear linkage CAT 3

Quick hitches

Max rear lifting capacity at the hitches 9300kg
with additional cylinders Ø100 mm



HYDRAULICS & REAR LINKAGE SPECS

MODEL	X7.6 P6 & V-Shift
HYDRAULIC SYSTEM	
Hydraulic piston pump with CCLS	•
Flow rate	• 123 l/min - ◦ 160 l/min (UltraFlow)
Steering dedicated pump - flow rate	• 52 l/min
Rear spool valves Robo-Six Active	• 3 M - ◦ 3M+1E, 3M + 2E, 3E, 4E, 5E, 3+2E, 4+2E
Rear spool valves Robo-Six Dynamic & V-Shift	• 4 EHR - ◦ 5E, 4+2E
Flow divider with flow selector	◦ 3 sections with dedicated push-pull connectors
Flow divider section flow rate	60 l/min each section
Free flow return only	◦
Power Beyond ready	• with free flow return
Power Beyond	◦ with push-pull and free flow return
Mid mounted spool valves - flow rate	2 electro-hydraulics with multi-functions joystick - 100 l/min
Front Loader ready kit	◦
Hydraulic oil take out	litres 60
REAR 3-POINT HITCH	
Rear hitch electrical control	lower pins draft control, control position, intermix and floating
Category - hitch type	III - quick hitch
Max lifting capacity at the hitches	kg • 6400 - ◦ 9300 (std on Robo-Six Dynamic & V-Shift)

BENEFITS & COMPETITIVE ADVANTAGES

- Ultra-Flow hydraulic flow rate

FOR CUSTOMERS WHO NEED HIGHER OIL FLOW DEMAND FOR LOADERS AND TRAILERS' OPERATIONS

- Flow selector with up to 6 push-pull connectors (also with mechanical rear remote valves)

INCREASED HYDRAULIC REAR SPOOLS ALSO IN ENTRY-LEVEL CONFIGURATION

- Free flow return in standard equipment

FOR EVERY IMPLEMENT WHICH REQUEST HIGH DRAIN OIL FLOW WITHOUT THE NEED OF THE POWER BEYOND



Passion for Innovation.

CAB & ON-BOARD TECHNOLOGY

LANDINI SERIE 7 LWB
RPE7 – RPE8

CAB FEATURES

Lounge cab - 4 pillars high visibility cab

Spacious cab made of soft-touch materials

Ergonomic RH console design

One-piece windscreen

Openable roof hatch

DAB Radio with MP3 & sound system

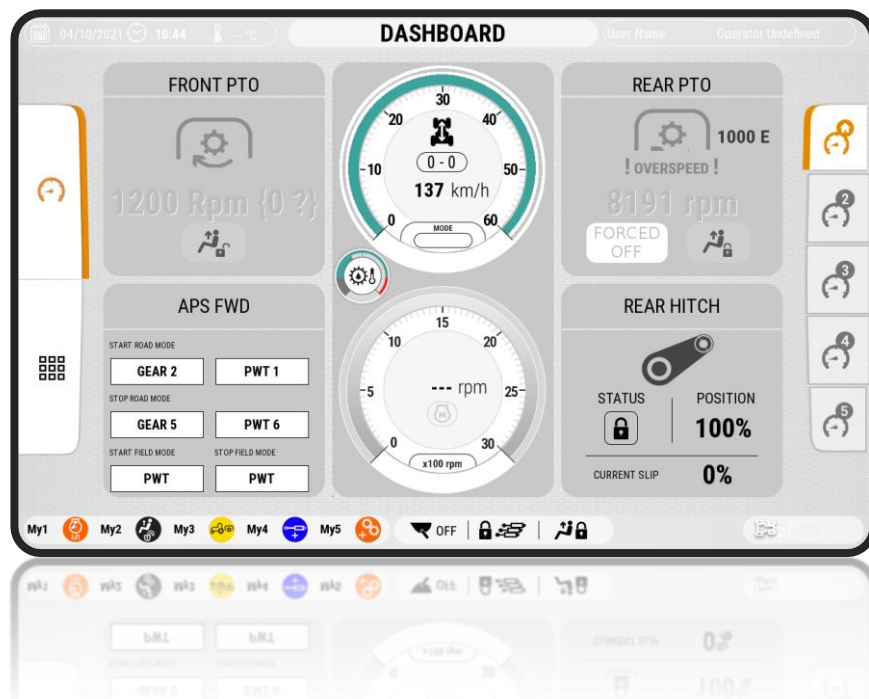
Smart Power Zero & fixed RH door (V-Shift)

EasyPilot on multifunction armrest (Dynamic & V-Shift)



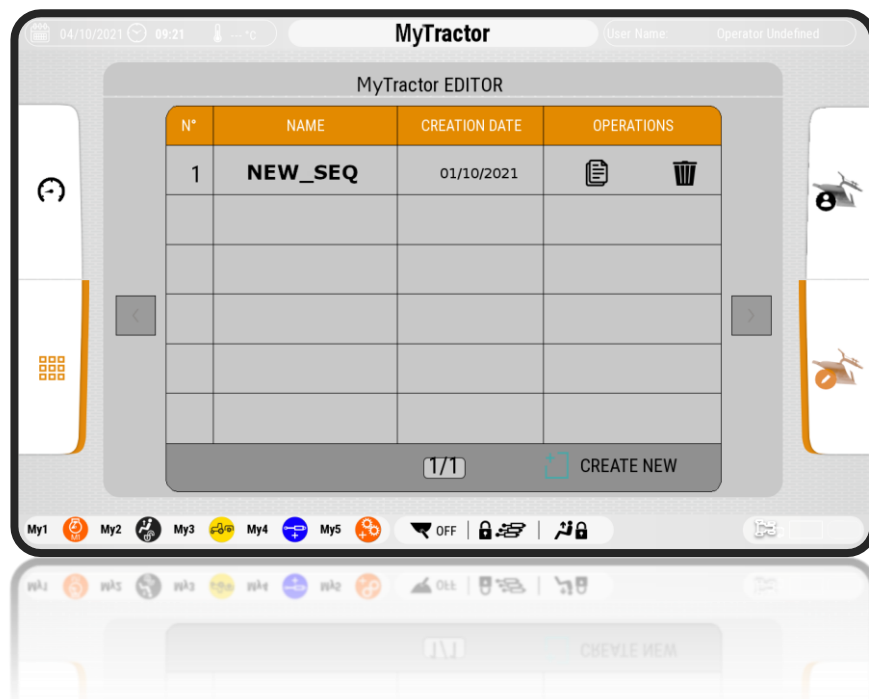
Dashboard

The Dashboard can be easily configured in up to 5 different scenarios by the operator.



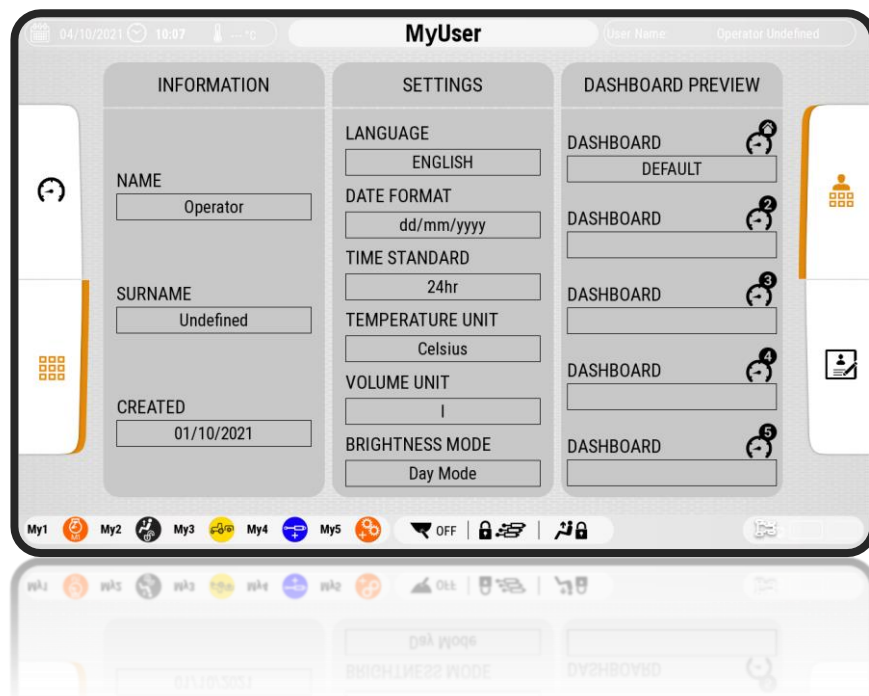
MyTractor

With the MyTractor menu it is possible to store all the tractor parameters already created from the other DSM menus (e.. MyHMF sequences or MyFunctions configurations) and recall them in one go.



MyUser

With the MyUser menu, especially when the tractor is used by several operators, it is useful to create the "Mike Red" user menu, set all the related DSM parameters and recall them simply by loading the "Mike Red" MyUser menu created.



MyLights

The MyLights menu allows the operator to configure the behavior of the lights in the 2 available patterns.



LIGHTING

18 Halogen lights (std)

20 LED lights (opt on Dynamic & V-Shift)

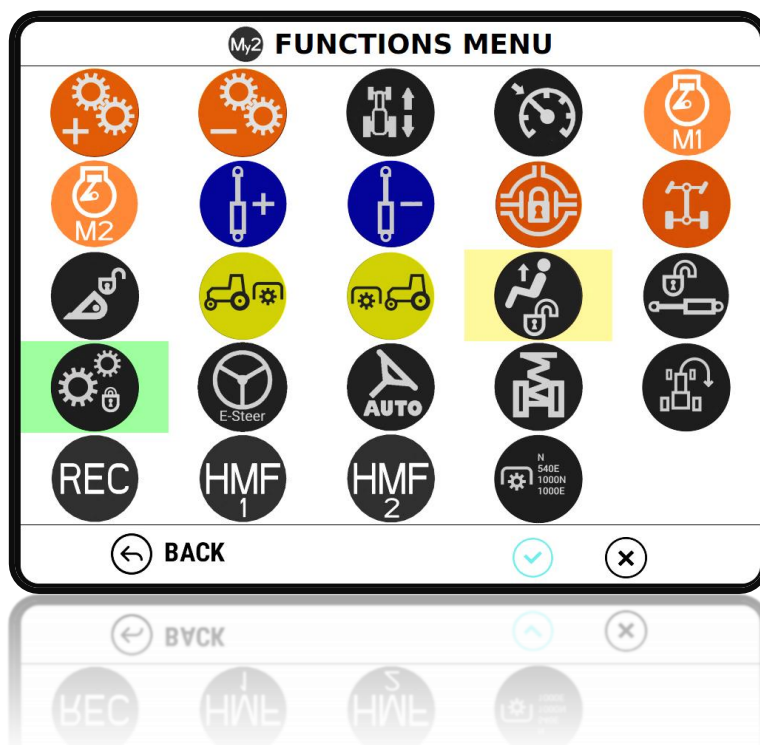
Higher visibility with lower battery current consumption

Up to 6x lamps lifetime



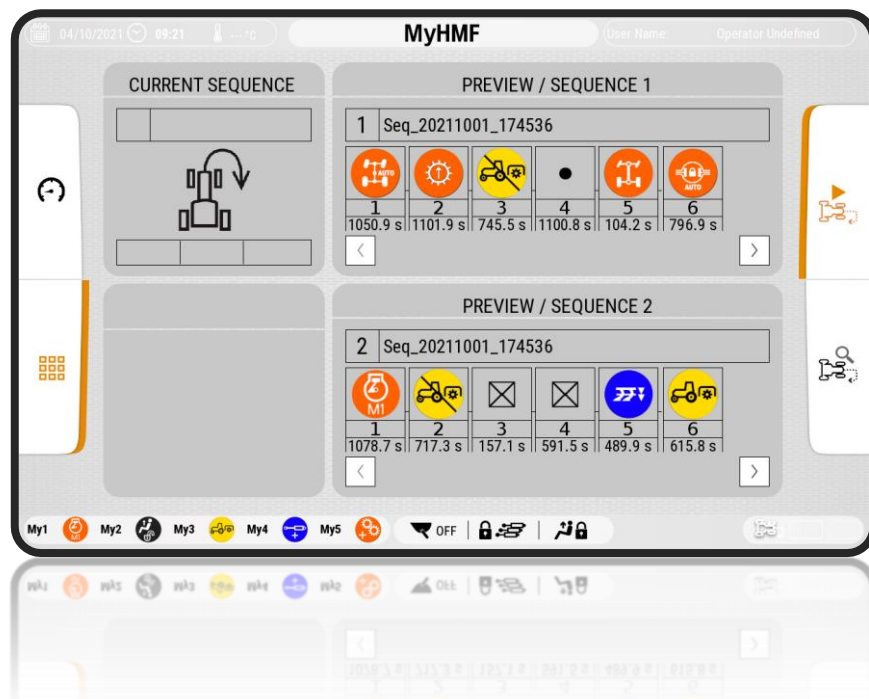
MyFunctions

When DSM is included in the tractor configuration, the operator can set up to 5 functions via the dedicated MyFunctions menu.



MyHMF

The operator can set or modify infinite management sequences at the headland simply through the dedicated menu even with the tractor stopped.



ISOBUS & PRECISION STEERING MANAGEMENT

Robo-Six Active version with RH consolle

DSM 12" touchscreen (not available with RH consolle)

Rear ISObus – TECU only (opt)

Rear ISObus – TECU only & PSM ready (opt)

Rear ISObus – TECU only & PSM kit EGNOS (opt)

P6 & V-Shift Dynamic version with EasyPilot

DSM 12" touchscreen (std)

DSM & rear ISObus (opt)

DSM, rear ISObus & PSM ready (opt)

DSM, rear ISObus & PSM kit EGNOS (opt)

RTK NTRIP upgrade kit available at AT Spare Part



LANDINI FLEET MANAGEMENT

LANDINI Fleet Management - 3 years of full plan subscription (std)

LANDINI Fleet Management - 5 years of full plan subscription (opt)

Main features

Fleet management

Fuel consumption analysis

Geofence technology

GPS position

Tractor data records

Maintenance schedule

Tractors status & Alarms



LANDINI DIAGNOSTIC REMOTE MANAGEMENT

LANDINI Fleet & Diagnostic remote Management 3-5 years of full plan subscription (opt)

Main features

Fleet management (as per previous slide)

Tractor monitoring system

Full fault finding & Problem solving

Remote controller SW updates

Increased uptime, reduced dealer costs



CAB & ON-BOARD SPECS

MODEL	X7.6 Robo-Six & V-Shift
CAB SPECIFICATIONS	
Lounge Cab	<ul style="list-style-type: none"> • 4 post
Landini mechanical cab suspension	<ul style="list-style-type: none"> • mechanical cab suspension system (○ Active)
Landini semi-active cab suspension	<ul style="list-style-type: none"> ○ electro-hydraulic semi-active suspension electronically controlled
Noise level in the cockpit	70 dB(A)
Manual air conditioning control	<ul style="list-style-type: none"> • (Active)
Automatic air conditioning control	<ul style="list-style-type: none"> • (Dynamic) - ○ (Active)
Pneumatic seat Deluxe	<ul style="list-style-type: none"> • low frequency, swivel and height adjustments, manual weight control, lumbar support and side suspension
Pneumatic seat Super Deluxe	<ul style="list-style-type: none"> ○ Dynamic Damping System, climatized, alcantara material, swivel and height adjustments, automatic weight control, lumbar support and side suspension
Trainer seat "hide away"	<ul style="list-style-type: none"> •
Easy Pilot on RH console (Active)	<ul style="list-style-type: none"> •
Easy Pilot with multi-functions armrest	<ul style="list-style-type: none"> • on Robo-Six Dynamic & V-Shift
DSM Data Screen Manager	<ul style="list-style-type: none"> • on Robo-Six Dynamic & V-Shift - 12" monitor touchscreen
MyFunctions	<ul style="list-style-type: none"> • with the DSM
MyLights	<ul style="list-style-type: none"> • with the DSM
MyHMF	<ul style="list-style-type: none"> • with the DSM
Radio ready	<ul style="list-style-type: none"> • with 4 speakers
Radio system	<ul style="list-style-type: none"> • radio DAB, mp3, 4 speakers, BT, aux-in, integrated microphone
Halogen working lights	<ul style="list-style-type: none"> • 18
LED working lights	<ul style="list-style-type: none"> ○ 20 on Robo-Six Dynamic & V-Shift
Beacon lights	<ul style="list-style-type: none"> • left and right hand
ON-BOARD TECHNOLOGY	
Front ISObus	<ul style="list-style-type: none"> ○
Rear ISObus	<ul style="list-style-type: none"> ○
PSM & EazySteer - ready	<ul style="list-style-type: none"> ○
PSM & EazySteer - full kit EGNOS	<ul style="list-style-type: none"> ○
Fleet Management ready	<ul style="list-style-type: none"> ○
Fleet management 3/5 years	<ul style="list-style-type: none"> • 3 years full subscription plan on Robo-Six Dynamic & V-Shift ○ 5
Remote Diagnostic management 3/5 years	<ul style="list-style-type: none"> ○ 3 - 5 years full subscription plan (with Fleet Management)

BENEFITS & COMPETITIVE ADVANTAGES

- Renewed multi functions armrest with new button layout → HMF buttons
IMPROVED HMF RECORDING AND RECALL TO INCREASE THE WORK PRODUCTIVITY AND COMFORT
- Renewed multi functions with new button layout → two engine memo buttons
TO STORE ONE MORE ENGINE RPM MEMO TO IMPROVE THE EFFICIENCY OF THE TRACTOR DURING FIELD OPERATIONS
- Renewed armrest with new button layout → PTO buttons front and rear
FOR A MORE COMFORTABLE START AND STOP OPERATION FOR PTO WORKS
- New command lever with MyFunctions buttons
AVAILABLE WITH AND WITHOUT DSM, TO HAVE THE POSSIBILITY TO CONFIGURE THE 5 BUTTONS WITH EVERY TRATOR FUNCTIONS. IT'S POSSIBLE TO STORE UP TO 5 CONFIGURATIONS
- New MyHMF advanced (only with DSM)
THE ADVANCED HMF WITH THE POSSIBILITY TO SET, TUNE AND EDIT THE SEQUENCE DIRECTLY ON DSM
- New MyLights menu (only with DSM)
TO STORE UP TO TWO LIGHTS CONFIGURATIONS MANAGING THE WORKING LIGHTS. AUTO-FUNCTIONS AND CORNERING LIGHT AVAILABLE. TO GIVE TO CUSTOMER THE BEST WORKING EXPERIENCE ALSO DURING NIGHT SHIFT
- New Tractor menu (only with DSM)
THE NEW MENU TO STORE THE TRANSMISSION, HYDRAULICS AND COMMAND CONFIGURATIONS TOWARD THE DIFFERENT FIELD OPERATION TYPES

NOTES

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WEIGHTS & DIMENSIONS

LANDINI SERIE 7 LWB
RPE8 – RPE7

WEIGHT & DIMENSIONS



MODEL		SERIE 7 LWB
Wheelbase	mm	2820
Max roof cab height (1)	mm	3044 (3159 with PSM) (2)
Max roof cab height to rear axle center (1)	mm	2180 (2295 with PSM)
Max lenght with front weights	mm	5360 (2)
Steering radius	mm	5400 (2)
Weight Robo-Six (3)	kg	8000
Weight V-Shift (3)	kg	8300
Gross vehicle weight	kg	13000
Max front - rear tires (index IR)	mm	600/60R28 (IR 675) - 710/60R38 (IR 875)
Front weight support		•
Weights - no. x weight	kg	o - 12 x 45 or 16 x 45
Front hitch weight	kg	o – 800 - 1400
Rear axle weights	kg	o - 170 or 340 or 510

NOTES (1) Without beacon lights. (2) Measured with tires 540/65R30 - 650/65R42. (3) Measured with average spec's

NOTES

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COMPETITORS

LANDINI SERIE 7 LWB
RPE8 – RPE7

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND LWB



SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7S



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	T7 LWB S	T7 LWB S
MODEL	7-200	7-210	7-230	T7.195 S	T7.215 S
REFERENCE MODEL	T7.195 S		T7.215 S	X7.620	X7.623
ENGINE					
P MAX – PULLING POWER [hp]	180	200	215	190	214
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225		
MANUFACTURER	NEF67			FPT / NEF 67	
INSTALLATION TYPE	CHASSIS			STRUCTURAL	
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6700	
AIR INTAKE	TURBO AFTERCOOLED			TURBO - INTERCOOLER	
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			STAGE V - Hi-eSCR2	
FUEL TANK / DEF	320			312 - 395 / 52	
TRANSMISSION					
TYPE	Robo-Six			POWERCOMMAND	
GEARS	30+15			18+6	
RANGES	5 ROBOTYZED			1	
POWERSHIFT	6			18	
MAX SPEED	40 / 50			40 / 50	
FRONT AXLE					
SUSPENDE AXLE	IFS			TERRAGLIDE II – CENTRAL PIVOT	
SUSPENDE AXLE WIT BRAKES	N.A.			OPT	
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH	

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7S



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	T7 LWB S	T7 LWB S
MODEL	7-200	7-210	7-230	T7.195 S	T7.215 S
REFERENCE MODEL	T7.195 S		T7.215 S	X7.620	X7.623
HYDRAULICS					
TYPE	CCLS			CCLS	
FLOWRATE [l/min]	123 / 160			120	
REAR SPOOL VALVES	3M / 3M+1E / 3M+2E / 4E / 5E / 4E+2E4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull			3M - 4M	
3PT HITCH					
REAR 3-POINT HITCH	CAT3			CAT3	
MAX REAR LIFT CAPACITY [kg]	9300			8647	
FRONT 3-POINT HITCH	CAT3N			CAT3N	
MAX FRONT LIFT CAPACITY [kg]	3500			5925	
POWER TAKE-OFF					
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION	
SPEEDS	4			2 / 4	
CAB & OPERATOR AREA					
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL	
WEIGHTS & DIMENSIONS					
WHEELBASE	2820			2884	
AVERAGE SHIPPING WEIGHT	8000			7790	
GROSS VEHICLE WEIGHT	13000			13600	
MAX REAR TYRES	710/60R42			710/60R42	

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7S



- Additional power in transport and PTO
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Lower transmission power losses compared with the Power Command
- Wider hydraulic offer with additional flow selector & 6 push pull connectors
- Higher rear lift capacity
- Front axle with independent front suspension system
- Semi – Active electrohydraulic cab suspension system

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB PC



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	T7 LWB SIDEWINDER II
MODEL	7-200	7-210	7-230	T7.230
REFERENCE MODEL			T7.230 SWII PC	X7.623 Robo-Six
ENGINE				
P MAX – PULLING POWER [hp]	180	200	215	200
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225	225
MANUFACTURER	FPT NEF67			FPT / NEF 67
INSTALLATION TYPE	CHASSIS			STRUTTURALE
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6700
AIR INTAKE	TURBO AFTERCOOLED			TURBO - INTERCOOLER
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			STAGE V - Hi-eSCR2
FUEL TANK / DEF	320 / 52			395 / 48
TRANSMISSION				
TYPE	Robo-Six			POWERCOMMAND
GEARS	30+15			19+6
RANGES	5 ROBOTYZED			1
POWERSHIFT	6			19
MAX SPEED	40 / 50			40 / 50
FRONT AXLE				
SUSPENDED AXLE	IFS			TERRAGLIDE II – CENTRAL PIVOT
SUSPENDED AXLE WIT BRAKES	N.A.			OPT
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB PC



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	T7 LWB SIDEWINDER II
MODEL	7-200	7-210	7-230	T7.230
REFERENCE MODEL			T7.230 SWII PC	X7.623 Robo-Six
HYDRAULICS				
TYPE	CCLS			CCLS
FLOWRATE [l/min]	123 / 160			120 / 150
REAR SPOOL VALVES	3M / 3M+1E / 3M+2E / 4E / 5E / 4E+2E / 4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull			4E - 5E
3PT HITCH				
REAR 3-POINT HITCH	CAT3			CAT3
MAX REAR LIFT CAPACITY [kg]	9300			10463
FRONT 3-POINT HITCH	CAT3N			CAT3N
MAX FRONT LIFT CAPACITY [kg]	3500			5925
POWER TAKE-OFF				
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION
SPEEDS	4			2 / 4
CAB & OPERATOR AREA				
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL
WEIGHTS & DIMENSIONS				
WHEELBASE	2820			2884
AVERAGE SHIPPING WEIGHT	8000			7790
GROSS VEHICLE WEIGHT	13000			13600
MAX REAR TYRES	710/60R42			710/60R42

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB PC



- Additional pulling power
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Lower transmission power losses compared with the Power Command
- Wider hydraulic offer with additional flow selector & 6 push pull connectors
- Front axle with independent front suspension system
- Semi – Active electrohydraulic cab suspension system

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB AC



PRODUCT FAMILY	Serie 7 V-Shift	Serie 7 V-Shift	Serie 7 V-Shift	T7 LWB AUTOCOMMAND	T7 LWB AUTOCOMMAND
MODEL	7-210	7-230	7-240	T7.230	T7.245
REFERENCE MODEL		T7.230	T7.245	X7.623 VT	X7.624 VT
ENGINE					
P MAX – PULLING POWER [hp]	200	215	230	200	220
P MAX BOOST - PTO&TRANSPORT [hp]	210	225	240	225	245
MANUFACTURER	FPT NEF67			FPT / NEF 67	
INSTALLATION TYPE	CHASSIS			STRUTTURAL	
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6700	
AIR INTAKE	TURBO AFTERCOOLED				
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			STAGE V - Hi-eSCR2	
FUEL TANK / DEF	320 / 52			395 / 48	
TRANSMISSION					
TYPE	V-Shift			AUTOCOMMAND	
GEARS	N.A.			N.A.	
RANGES	4 STAGES WITH ELECTROHYDRAULIC CLUTCHES & PLANETARY GEARS			4 / DOG CLUTCHES	
POWERSHIFT	N.A.			N.A.	
MAX SPEED	40 / 50			40 / 50	
FRONT AXLE					
SUSPENDED AXLE	IFS			TERRAGLIDE II – CENTRAL PIVOT	
SUSPENDED AXLE WIT BRAKES	N.A.			OPT	
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH	

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB AC



PRODUCT FAMILY	Serie 7 V-Shift	Serie 7 V-Shift	Serie 7 V-Shift	T7 LWB AUTOCOMMAND	T7 LWB AUTOCOMMAND
MODEL	7-210	7-230	7-240	T7.230	T7.245
REFERENCE MODEL		T7.230	T7.245	X7.623 VT	X7.624 VT
HYDRAULICS					
TYPE	CCLS			CCLS	
FLOWRATE [l/min]	123 / 160			150 / 170	
REAR SPOOL VALVES	4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull			4E - 5E	
3PT HITCH					
REAR 3-POINT HITCH	CAT3			CAT3	
MAX REAR LIFT CAPACITY [kg]	9300			10463	
FRONT 3-POINT HITCH	CAT3N			CAT3N	
MAX FRONT LIFT CAPACITY [kg]	3500			5925	
POWER TAKE-OFF					
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION	
SPEEDS	4			2 / 4	
CAB & OPERATOR AREA					
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL	
WEIGHTS & DIMENSIONS					
WHEELBASE	2820			2884	
AVERAGE SHIPPING WEIGHT	8000			8140	
GROSS VEHICLE WEIGHT	13000			14000	
MAX REAR TYRES	710/60R42			710/60R42	

LANDINI SERIE7 LWB STAGE V vs NEW HOLLAND T7 LWB AC



- Additional pulling power
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terramatic with 4 stages with electrohydraulic clutches & planetary gears
- Wider hydraulic offer with additional flow selector & 6 push pull connectors
- Smoother & faster transmission acceleration
- Front axle with independent front suspension system
- Semi – Active electrohydraulic cab suspension system

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6M 6R



SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6M



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	JOHN DEERE 6M	
MODEL	7-200	7-210	7-230	6175M	6195M
REFERENCE MODEL	6175M		6195M	X7.620	X7.623
ENGINE					
P MAX – PULLING POWER [hp]	180	200	215	194	216
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225	N.A.	
MANUFACTURER	FPT NEF67			DPS	
INSTALLATION TYPE	CHASSIS			STRUCTURAL	
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6800	
AIR INTAKE	TURBO AFTERCOOLED			VGT	
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			STAGE V - DPF+DOC+SCR + EGR	
FUEL TANK / DEF	320 / 52			325	
TRANSMISSION					
TYPE	Robo-Six & V-Shift			AUTOQUAD / AUTOPOWER	
GEARS	30+15 (P6) / CVT			20+20	
RANGES	6 ranges (P6) - 4 stages w/ electrohydraulic clutches & planetary gears (VT)			5 MECH / ROBOTYZED / CVT 2 STAGES	
POWERSHIFT	6			4	
MAX SPEED	40 / 50			40 / 50	
FRONT AXLE					
SUSPENDED AXLE	IFS			TLS	
SUSPENDED AXLE WIT BRAKES	N.A.			OPT	
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH	

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6M



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	JOHN DEERE 6M	
MODEL	7-200	7-210	7-230	6175M	6195M
REFERENCE MODEL	6175M		6195M	X7.620	X7.623
HYDRAULICS					
TYPE	CCLS			CCLS	
FLOWRATE [l/min]	123 / 160			114 / 155	
REAR SPOOL VALVES	3M / 3M+1E / 3M+2E / 4E / 5E / 4E+2E / 4E / 5E / 4E+2E / Flow diverter w/ 6 pushpull			4	
3PT HITCH					
REAR 3-POINT HITCH	CAT3			CAT3 / CAT3N	
MAX REAR LIFT CAPACITY [kg]	9300			9050	
FRONT 3-POINT HITCH	CAT3N			CAT 3N	
MAX FRONT LIFT CAPACITY [kg]	3500			4000	
POWER TAKE-OFF					
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION	
SPEEDS	4			3	
CAB & OPERATOR AREA					
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL	
WEIGHTS & DIMENSIONS					
WHEELBASE	2820			2800	
AVERAGE SHIPPING WEIGHT	8000 Robo-Six / 8300 V-Shift			7500	
GROSS VEHICLE WEIGHT	13000			12300	
MAX REAR TYRES	710/60R42			710/60R42	

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6M



- FPT v DPS engine performance
- Additional power available
- Exhaust JD aftertreatment with EGR reduces engine performance
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terramatic with 4 stages with electrohydraulic clutches & planetary gears
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Hydraulic offer with additional flow selector & 6 push pull connectors
- Higher rear lift capacity
- 4 PTO speeds
- IFS Independent Front Suspended axle
- Semi – Active electrohydraulic cab suspension system
- Greater structure & GVW

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6R



PRODUCT FAMILY	Serie 7	Serie 7	Serie 7	Serie 7	JOHN DEERE 6R			
MODEL	7-200	7-210	7-230	7-240	6165R	6175R	6185R	6195R
REFERENCE MODEL	6165R	6175R	6185R	6195R	X7.620	X7.621	X7.623	X7.624
ENGINE	FPT NEF67				DPS			
P MAX – PULLING POWER [hp]	180	200	215	230	182	193	204	215
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225	240	213	223	234	244
INSTALLATION TYPE	CHASSIS				STRUCTURAL			
CYL / DISPLACEMENT (cm3)	6/6700				6 / 6800			
AIR INTAKE	TURBO AFTERCOOLED				VGT			
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2				STAGE V - DPF+DOC+SCR + EGR			
FUEL TANK / DEF	320 / 52				280 / 322		324 / 421	
TRANSMISSION	Robo-Six & V-Shift				AUTOQUAD / AUTOPOWR			
GEARS	30+15 (P6) / CVT				20+20			
RANGES	6 ranges (P6) - 4 stages w/ electrohydraulic clutches & planetary gears (VT)				5 MECH / ROBOTYZED / CVT 2 STAGES			
POWERSHIFT	6				4			
MAX SPEED	40 / 50				40 / 50			
FRONT AXLE	IFS				TLS			
SUSPENDE AXLE	N.A.				OPT			
SUSPENDE AXLE WIT BRAKES	ELECTROHYDRAULIC MULTI-DISC CLUTCH				ELECTROHYDRAULIC MULTI-DISC CLUTCH			
DIFFERENTIAL LOCK TYPE								

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6R



PRODUCT FAMILY	Serie 7	Serie 7	Serie 7	Serie 7	JOHN DEERE 6R			
MODEL	7-200	7-210	7-230	7-240	6165R	6175R	6185R	6195R
REFERENCE MODEL	6165R	6175R	6185R	6195R	X7.620	X7.621	X7.623	X7.624
HYDRAULICS								
TYPE	CCLS				CCLS			
FLOWRATE [l/min]	123 / 160				114 / 155			
REAR SPOOL VALVES	4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull				6			
3PT HITCH								
REAR 3-POINT HITCH	CAT3				CAT3 / CAT3N			
MAX REAR LIFT CAPACITY [kg]	9300				8100		9550	
FRONT 3-POINT HITCH	CAT3N				CAT 3N		CAT 3N	
MAX FRONT LIFT CAPACITY [kg]	3500				4000			
POWER TAKE-OFF								
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION				ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			
SPEEDS	4				3			
CAB & OPERATOR AREA								
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE				HYDRAULIC ADAPTIVE			
WEIGHTS & DIMENSIONS								
WHEELBASE	2820				2765		2800	
AVERAGE SHIPPING WEIGHT	8000 Robo-Six / 8300 V-Shift				7900		8800	
GROSS VEHICLE WEIGHT	13000 (GREATER PAYLOAD)				11750		13450	
MAX REAR TYRES	710/60R42				710/60R42		710/60R42	

LANDINI SERIE7 LWB STAGE V vs JOHN DEERE 6R



- FPT v DPS engine performance
- Exhaust JD aftertreatment with EGR reduces engine performance
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terramatic with 4 stages with electrohydraulic clutches & planetary gears
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Hydraulic offer with additional flow selector & 6 push pull connectors
- Higher rear lift capacity
- 4 PTO speeds
- IFS Independent Front Suspended axle
- Greater payload

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	ARION 600	AXION 800		
MODEL	7-200	7-210	7-230	660	800	810	830
REFERENCE MODEL	660	800	810	X7.620	X7.621	X7.623	NA
ENGINE							
P MAX – PULLING POWER [hp]	180	200	215	185	205	215	235
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225	205	N.A.		
MANUFACTURER	FPT NEF67			DPS	FPT		
INSTALLATION TYPE	CHASSIS			STRUCTURAL	STRUCTURAL		
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6788	6 / 6700		
AIR INTAKE	TURBO AFTERCOOLED			TURBO VGT	TURBO VGT		
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			EGR+DOC+DPF+SCR	STAGE V - HI-eSCR2		
FUEL TANK / DEF	320 / 52			370	455		
TRANSMISSION							
TYPE	Robo-Six			HEXASHIFT			
GEARS	30+15			24+24			
RANGES	5 ROBOTYZED			4			
POWERSHIFT	6			6			
MAX SPEED	40 / 50			40 / 50			
FRONT AXLE							
SUSPENDE AXLE	IFS			IFS			
SUSPENDE AXLE WIT BRAKES	N.A.			OPT	N.A.		
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH			

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



PRODUCT FAMILY	Serie 7 Robo-Six	Serie 7 Robo-Six	Serie 7 Robo-Six	ARION 600	AXION 800		
MODEL	7-200	7-210	7-230	660	800	810	830
REFERENCE MODEL	660	800	810	X7.620	X7.621	X7.623	NA
HYDRAULICS							
TYPE	CCLS			CCLS	CCLS		
FLOWRATE [l/min]	123 / 160			110 / 150	110 / 150 / 205		
REAR SPOOL VALVES	3M / 3M+1E / 3M+2E / 4E / 5E / 4E+2E / 4E / 5E / 4E+2E / Flow diverter w/ 6 pushpull			2M - 4M - 2E - 4E	3M - 4M - 3E - 7E		
3PT HITCH							
REAR 3-POINT HITCH	CAT3			CAT3	CAT.3		
MAX REAR LIFT CAPACITY [kg]	9300			8000	9500		
FRONT 3-POINT HITCH	CAT3N			CAT3	CAT.3		
MAX FRONT LIFT CAPACITY [kg]	3500			3000 / 4000	4700 / 5900		
POWER TAKE-OFF							
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			
SPEEDS	4			2 / 4	2 / 3 / 4		
CAB & OPERATOR AREA							
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL - 4 DUMPERS			
WEIGHTS & DIMENSIONS							
WHEELBASE	2820			2820	2980		
AVERAGE SHIPPING WEIGHT	8000			7860-8335	9050 / 9450		
GROSS VEHICLE WEIGHT	13000			12500	?		
MAX REAR TYRES	710/60R42			710/60R42	710/60R42		

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



- Additional power available
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Hydraulic offer with additional flow selector & 6 push pull connectors
- Semi – Active electrohydraulic cab suspension system
- Shorter wheelbase & structure compare to Axion

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



PRODUCT FAMILY	Serie 7 V-Shift	Serie 7 V-Shift	Serie 7 V-Shift	AXION 800		
MODEL	7-210	7-230	7-240	800	810	830
REFERENCE MODEL	800	810	830	X7.621	X7.623	X7.624
ENGINE						
P MAX – PULLING POWER [hp]	200	215	230	205	215	235
P MAX BOOST - PTO&TRANSPORT [hp]	210	225	240	N.A.		
MANUFACTURER	FPT NEF67			FPT		
INSTALLATION TYPE	CHASSIS			STRUCTURAL		
CYL / DISPLACEMENT (cm3)	6/6700			6 / 6700		
AIR INTAKE	TURBO AFTERCOOLED			TURBO VGT		
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2			STAGE V - HI-eSCR2		
FUEL TANK / DEF	320 / 52			455		
TRANSMISSION						
TYPE	V-Shift			CMATIC		
GEARS	N.A.			N.A.		
RANGES	4 STAGES WITH ELECTROHYDRAULIC CLUTCHES & PLANETARY GEARS			4		
POWERSHIFT	N.A.			N.A.		
MAX SPEED	40 / 50			40 / 50		
FRONT AXLE						
SUSPENDED AXLE	IFS			IFS		
SUSPENDED AXLE WIT BRAKES	N.A.			N.A.		
DIFFERENTIAL LOCK TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH			ELECTROHYDRAULIC MULTI-DISC CLUTCH		

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



PRODUCT FAMILY	Serie 7 V-Shift	Serie 7 V-Shift	Serie 7 V-Shift	AXION 800		
MODEL	7-210	7-230	7-240	800	810	830
REFERENCE MODEL	800	810	830	X7.621	X7.623	X7.624
HYDRAULICS						
TYPE	CCLS			CCLS		
FLOWRATE [l/min]	123 / 160			110 / 150 / 205		
REAR SPOOL VALVES	4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull			3M - 4M - 3E -7E		
3PT HITCH						
REAR 3-POINT HITCH	CAT3			CAT.3		
MAX REAR LIFT CAPACITY [kg]	9300			9500		
FRONT 3-POINT HITCH	CAT3N			CAT.3		
MAX FRONT LIFT CAPACITY [kg]	3500			4700 / 5900		
POWER TAKE-OFF						
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION		
SPEEDS	4			2 / 3 / 4		
CAB & OPERATOR AREA						
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE			MECHANICAL - 4 DUMPERS		
WEIGHTS & DIMENSIONS						
WHEELBASE	2820			2980		
AVERAGE SHIPPING WEIGHT	8000			9050 / 9450		
GROSS VEHICLE WEIGHT	13000					
MAX REAR TYRES	710/60R42			710/60R42		

LANDINI SERIE7 LWB STAGE V vs CLAAS ARION AXION



- Additional power available
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terramatic with 4 stages with electrohydraulic clutches & planetary gears
- Hydraulic offer with additional flow selector & 6 push pull connectors
- Semi – Active electrohydraulic cab suspension system
- Shorter wheelbase & structure compare to Axion

LANDINI SERIE7 LWB STAGE V vs VALTRA T



SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs VALTRA T



PRODUCT FAMILY	Serie 7	Serie 7	Serie 7	Serie 7	VALTRA T			
MODEL	7-200	7-210	7-230	7-240	T175 STD	T195	T215	T235
REFERENCE MODEL	T175 STD	T195	T215	T235	X7.620	X7.621	X7.623	X7.624
ENGINE	FPT NEF67				AGCO			
P MAX – PULLING POWER [hp]	180	200	215	230	175	195	215	220-235
P MAX BOOST - PTO&TRANSPORT [hp]	190	210	225	240	190	210	230	250
MANUFACTURER	FPT NEF67				AGCO			
INSTALLATION TYPE	CHASSIS				STRUCTURAL			
CYL / DISPLACEMENT (cm3)	6/6700				6 / 6600	6 / 6600	6 / 7400	6 / 7400
AIR INTAKE	TURBO AFTERCOOLED				TURBO AFTERCOOLED			
EXHAUST POST TREATMENT	STAGE V - HI-eSCR2				STAGE V - DOC+DPF+SCR			
FUEL TANK / DEF	320 / 52				250 / 380	250 / 380	250 / 380	250 / 380
TRANSMISSION	Robo-Six & V-Shift				VERSU (semi - powershift) / DIRECT (CVT)			
GEARS	30+15 (P6) / CVT				30+30 / CVT	30+30 / CVT	30+30 / CVT	30+30 / CVT
RANGES	6 ranges (P6) - 4 stages w/ electrohydraulic clutches & planetary gears (VT)				6 / 4 (CVT)	6 / 4 (CVT)	6 / 4 (CVT)	6 / 4 (CVT)
POWERSHIFT	6				5	5	5	5
MAX SPEED	40 / 50				40/50	40/50	40/50/57	40/50/57
FRONT AXLE	IFS				PNEUMATICO / AIRES			
SUSPENDED AXLE	N.A.				N.A.			
SUSPENDED AXLE WIT BRAKES	ELECTROHYDRAULIC MULTI-DISC CLUTCH				ELETTRIDRAULICO			

SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

LANDINI SERIE7 LWB STAGE V vs VALTRA T



PRODUCT FAMILY	Serie 7	Serie 7	Serie 7	Serie 7	VALTRA T			
MODEL	7-200	7-210	7-230	7-240	T175 STD	T195	T215	T235
REFERENCE MODEL	T175 STD	T195	T215	T235	X7.620	X7.621	X7.623	X7.624
HYDRAULICS								
TYPE	CCLS				OC / CCLS			
FLOWRATE [l/min]	123 / 160				73 / 90 (HITECH) 115 / 160 / 200 (ACTIVE VERSU DIRECT)			
REAR SPOOL VALVES	4E / 5E / 4E+2E / Flow diverter 3 ways & 6 pushpull				2M - 4M - 2E - 5E			
3PT HITCH								
REAR 3-POINT HITCH	CAT3				CAT3			
MAX REAR LIFT CAPACITY [kg]	9300				8100-9500			
FRONT 3-POINT HITCH	CAT3N				N.A.			
MAX FRONT LIFT CAPACITY [kg]	3500				5100			
POWER TAKE-OFF								
TYPE	ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION				ELECTROHYDRAULIC MULTI-DISC CLUTCH W/ MODULATION			
SPEEDS	4				3			
CAB & OPERATOR AREA								
SUSPENDED CAB TYPE	MECHANICAL / SEMI-ACTIVE							
WEIGHTS & DIMENSIONS								
WHEELBASE	2820				2980			
AVERAGE SHIPPING WEIGHT	8000 Robo-Six / 8300 V-Shift				9050 / 9450			
GROSS VEHICLE WEIGHT	13000 (GREATER PAYLOAD)				13500			
MAX REAR TYRES	710/60R42				710/60R42			

LANDINI SERIE7 LWB STAGE V vs VALTRA T



- Additional power available
- Iso – mounted engine on silent blocks on cast iron chassis
- Openable radiator matrix
- ZF Terramatic with 4 stages with electrohydraulic clutches & planetary gears
- ZF Terrapower with 6 Powershift e 5 robotized ranges
- Hydraulic offer with additional flow selector & 6 push pull connectors
- 4 PTO speeds
- IFS Independent Front Suspended axle
- Semi – Active electrohydraulic cab suspension system
- Shorter wheelbase & structure compare to ValtraT
- Greater payload

NOTES

A large grid of dotted lines for taking notes, consisting of 20 columns and 25 rows of squares.



Passion for Innovation.

ANNEX 01

REAR & FRONT HITCHES


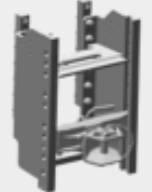
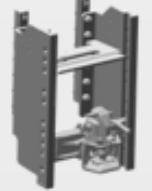
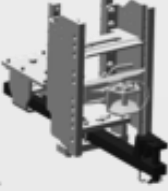
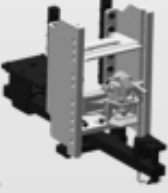
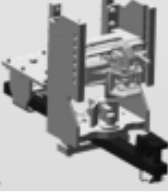
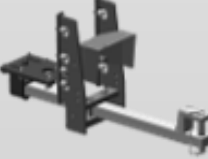

LANDINI SERIE 7 LWB

RPE8 – RPE7

SERIE 7 LWB STAGE V

PRODUCT INFORMATION MANUAL

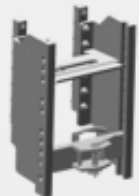


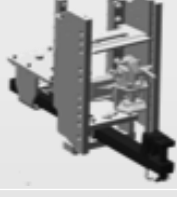
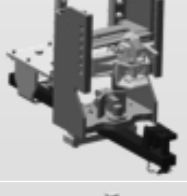


REAR HITCHES

VM	DESCRIPTION	MAX VERTICAL LOAD [kg]	MAX TOWABLE WEIGHT [kg]	NOTE	3D-VIEW
YM021	PTO PROTECTION ONLY WITHOUT FRAME WITHOUT HITCH WITHOUT DRAWBAR	-	-	NOT FOR NAO MARKET	
YM065	SLIDER FRAME WITH MANUAL EEC SLIDING HITCH (D.32) WITHOUT DRAWBAR	2000	40000		
YM127	SLIDING FRAME WITH AUTOMATIC EEC SLIDING HITCH (D.38) WITHOUT DRAWBAR	2000	40000		
YM132	SLIDER FRAME WITH MANUAL EEC SLIDING HITCH (D.32) WITH DRAWBAR	2000	40000		
		SEE TYPE APPROVAL	40000		
YM154	SLIDING FRAME WITH AUTOMATIC EEC SLIDING HITCH (D.38) WITH DRAWBAR	2000	40000		
		SEE TYPE APPROVAL	40000		
YM155	FIXED FRAME WITH PITON-FIX AUTOMATIC EEC HITCH (D.38) WITH EEC DRAWBAR	2000	40000	NEVER WITH YQ505 NEVER WITH YQ506	
		3000	40000		
		SEE TYPE APPROVAL	40000		
YM156	STRAIGHT EEC DRAWBAR WITHOUT 3PT HITCH WITH SWAY BLOCKS	2800	40000	NEVER WITH YQ505 NEVER WITH YQ506	
YM161	AUTOMATIC PICK-UP HITCH WITH EEC DRAWBAR	3000	40000	NEVER WITH YQ505 NEVER WITH YQ506	

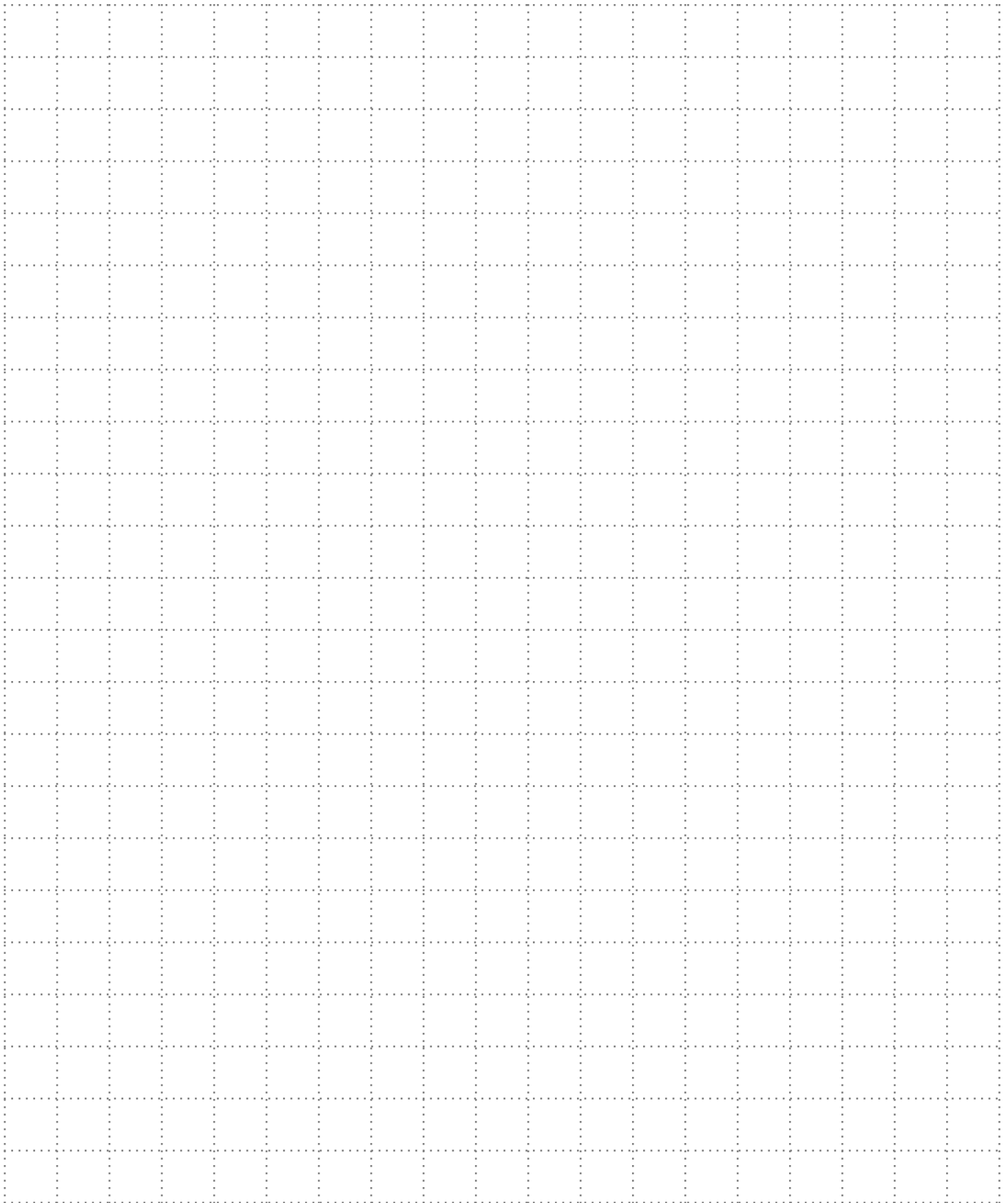
SERIE 7 LWB STAGE V

PRODUCT INFORMATION MANUAL

REAR HITCHES

VM	DESCRIPTION	MAX VERTICAL LOAD [kg]	MAX TOWABLE WEIGHT [kg]	NOTE	3D-VIEW
YM507 YQ503	SLIDER FRAME WITH C SLIDING HITCH (D.28) WITHOUT DRAWBAR	1500	8400	ITALIAN MARKET ONLY	
YM520	FIXED FRAME WITH PITON-FIX MANUAL EEC HITCH (D.32) WITHOUT EEC DRAWBAR	2000	40000	NEVER WITH YQ505 NEVER WITH YQ506	
		3000	40000		
YM525	FIXED FRAME WITH PITON-FIX AUTOMATIC EEC HITCH (D.32) WITHOUT EEC DRAWBAR	2000	40000	NEVER WITH YQ505 NEVER WITH YQ506	
		3000	40000		
YM535	SLIDER FRAME WITH AUTOMATIC EEC SLIDING HITCH (D.32) WITH EEC DRAWBAR	2000	40000	NEVER WITH YQ505 NEVER WITH YQ506	
		SEE TYPE APPROVAL	40000		
YM541	FIXED FRAME WITH PITON-FIXE AUTOMATIC EEC HITCH (D.32) WITH STRAIGHT DRAWBAR WITH HAMMERSTRAP	2000	40000	NEVER WITH YQ505 NEVER WITH YQ506	
		3000	40000		
		SEE TYPE APPROVAL	40000		
YM550	SLIDER FRAME WITH D3 SLIDING HITCH (D.38) WITHOUT DRAWBAR	3000	40000	ITALIAN MARKET ONLY	
YM554	SLIDER FRAME WITH D3 SLIDING HITCH (D.38) WITH K80 SLIDING HITCH WITH K50 BALLS WITHOUT DRAWBAR	3000	40000	ITALIAN MARKET ONLY	
		4000	40000		

NOTES

A large grid of dotted lines for taking notes, consisting of 20 columns and 25 rows of small squares.




ANNEX 02

HYDRAULIC CONFIGURATIONS








LANDINI SERIE 7 LWB

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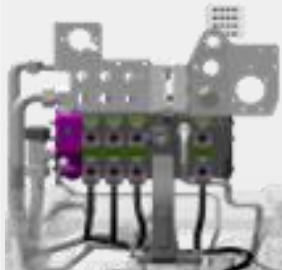



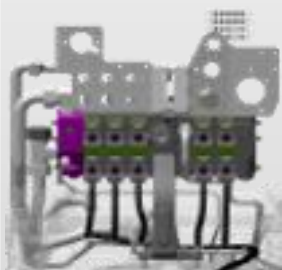


HYDRAULIC CONFIGURATIONS – ROBO-SIX ACTIVE

VM	DESCRIPTION	3D-VIEW	CONTROLS
GP381 IX000	2 MECHANICAL REAR SPOOL VALVES WITHOUT FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP377 IX000	3 MECHANICAL REAR SPOOL VALVES WITHOUT FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP380 IX000	3 MECHANICAL REAR SPOOL VALVES 1 ELECTRO-HYDRAULIC REAR SPOOL VALVE WITHOUT FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP341 IX003	3 MECHANICAL REAR SPOOL VALVES 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES WITH FLOW SELECTOR WITHOUT FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		









HYDRAULIC CONFIGURATIONS – ROBO-SIX ACTIVE

VM	DESCRIPTION	3D-VIEW	CONTROLS
GP380 IX000 FA500 VL500 YA000	3 MECHANICAL REAR SPOOL VALVES (FREE) 1 ELECTRO-HYDRAULIC REAR SPOOL VALVE (FRONT HITCH) WITH FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP341 IX003 FA500 VL500 YA000	3 MECHANICAL REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		
GP377 IX000 FA500 VL500 YA000	2 MECHANICAL REAR SPOOL VALVES (FREE) 1 MECHANICAL REAR SPOOL VALVE (FRONT HITCH) WITH FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP353 IX003 FA500 VL500 YA000	2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH WITH FLOW SELECTOR SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		

HYDRAULIC CONFIGURATIONS – V-SHIFT & ROBO-SIX DYNAMIC

VM	DESCRIPTION	3D-VIEW	CONTROLS
GP388 IX000	4 ELECTRO-HYDRAULIC REAR SPOOL VALVES SPOOL VALVES FLOW RATE 100 l/min		
GP388 IX003	4 ELECTRO-HYDRAULIC REAR SPOOL VALVES WITH FLOW SELECTOR SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		
GP387 IX000	5 ELECTRO-HYDRAULIC REAR SPOOL VALVES SPOOL VALVES FLOW RATE 100 l/min		
GP387 IX003	5 ELECTRO-HYDRAULIC REAR SPOOL VALVES WITH FLOW SELECTOR SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		

HYDRAULIC CONFIGURATIONS – V-SHIFT & ROBO-SIX DYNAMIC

VM	DESCRIPTION	3D-VIEW	CONTROLS
GP386 IX000 FA500 VL500 YA000	3 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP386 IX003 FA500 VL500 YA000	3 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH WITH FLOW SELECTOR SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		
GP385 IX000 FA500 VL500 YA000	4 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH SPOOL VALVES FLOW RATE 100 l/min		
GP385 IX003 FA500 VL500 YA000	4 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FREE) 2 ELECTRO-HYDRAULIC REAR SPOOL VALVES (FRONT HITCH) WITH FRONT HITCH WITH FLOW SELECTOR SPOOL VALVES FLOW RATE 100 l/min FLOW SELECTOR PORTS FLOW RATE 60 l/min		

NOTES

A large grid of dotted lines for taking notes, consisting of 20 columns and 25 rows of squares.

ANNEX 03

TYRES

CONFIGURATIONS

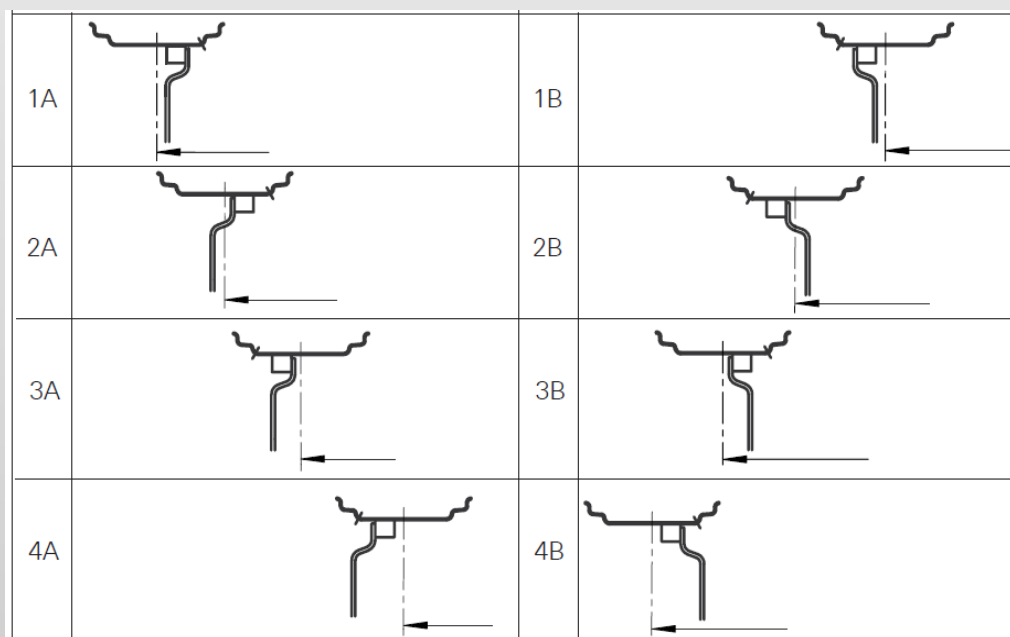
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SERIE 7 LWB STAGE V PRODUCT INFORMATION MANUAL

TYRES CONFIGURATIONS

VM	DESCRIZIONE	FRONT TRACK / END TO END								REAR TRACK / END TO END							
		1A	2A	3A	4A	1B	2B	3B	4B	1A	2A	3A	4A	1B	2B	3B	4B
REN69	540/65R30 - 650/65R42 (ADJUSTABLE)	1950/ 2479	1846/ 2375	1654/ 2183	1550/ 2079	1950/ 2479	2054/ 2583	2246/ 2775	2350/ 2879	1850/ 2492	1740/ 2382	NA	NA	1956/ 2598	2066/ 2708	2140/ 2782	2250/ 2892
RE338	600/65R28 - 710/70R38 (WELDED)	1940/ 2540	1966/ 2566	NA	NA	NA	NA	NA	NA	1876/ 2586	1930/ 2640	NA	NA	NA	NA	NA	NA
RE339	600/65R28 - 710/70R38 (WELDED BLACK)	1940/ 2540	1966/ 2566	NA	NA	NA	NA	NA	NA	1876/ 2586	1930/ 2640	NA	NA	NA	NA	NA	NA
RE347	540/65R30 - 650/65R42 (WAFFLE BLACK)	1950/ 2479	1846/ 2375	1654/ 2183	1550/ 2079	1950/ 2479	2054/ 2583	2246/ 2775	2350/ 2879	1850/ 2490	1740/ 2380	NA	NA	1956/ 2596	2066/ 2706	2140/ 2780	2250/ 2890
RE340	540/65R30 - 650/65R42 (WAFFLE)	1950/ 2479	1846/ 2375	1654/ 2183	1550/ 2079	1950/ 2479	2054/ 2583	2246/ 2775	2350/ 2879	1850/ 2490	1740/ 2380	NA	NA	1956/ 2596	2066/ 2706	2140/ 2780	2250/ 2890
REN66	480/70R30 - 520/85R42 (WAFFLE)	1904/ 2389	1800/ 2285	1700/ 2185	1596/ 2081	1996/ 2481	2100/ 2585	2200/ 2685	2304/ 2789	1896/ 2441	1786/ 2331	1620/ 2165	NA	1910/ 2465	2020/ 2565	2186/ 2731	2296/ 2841
REN83	540/65R30 - 650/65R42 (WELDED)	1900/ 2429	2004/ 2533	NA	NA	NA	NA	NA	NA	1850/ 2492	1960/ 2602	NA	NA	NA	NA	NA	NA
REP40	600/60R30 - 710/60R42 (WELDED)	1900/ 2499	2004/ 2603	NA	NA	NA	NA	NA	NA	1826/ 2539	1984/ 2697	NA	NA	NA	NA	NA	NA
REP43	420/85R28 - 480/80R42 (WAFFLE)	1904/ 2353	1800/ 2249	1700/ 2149	1596/ 2045	1996/ 2445	2100/ 2549	2200/ 2649	2304/ 2753	1860/ 2353	1750/ 2243	1656/ 2149	NA	1946/ 2439	2056/ 2549	2150/ 2643	2260/ 2753



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Passion for Innovation.

THANKS.