



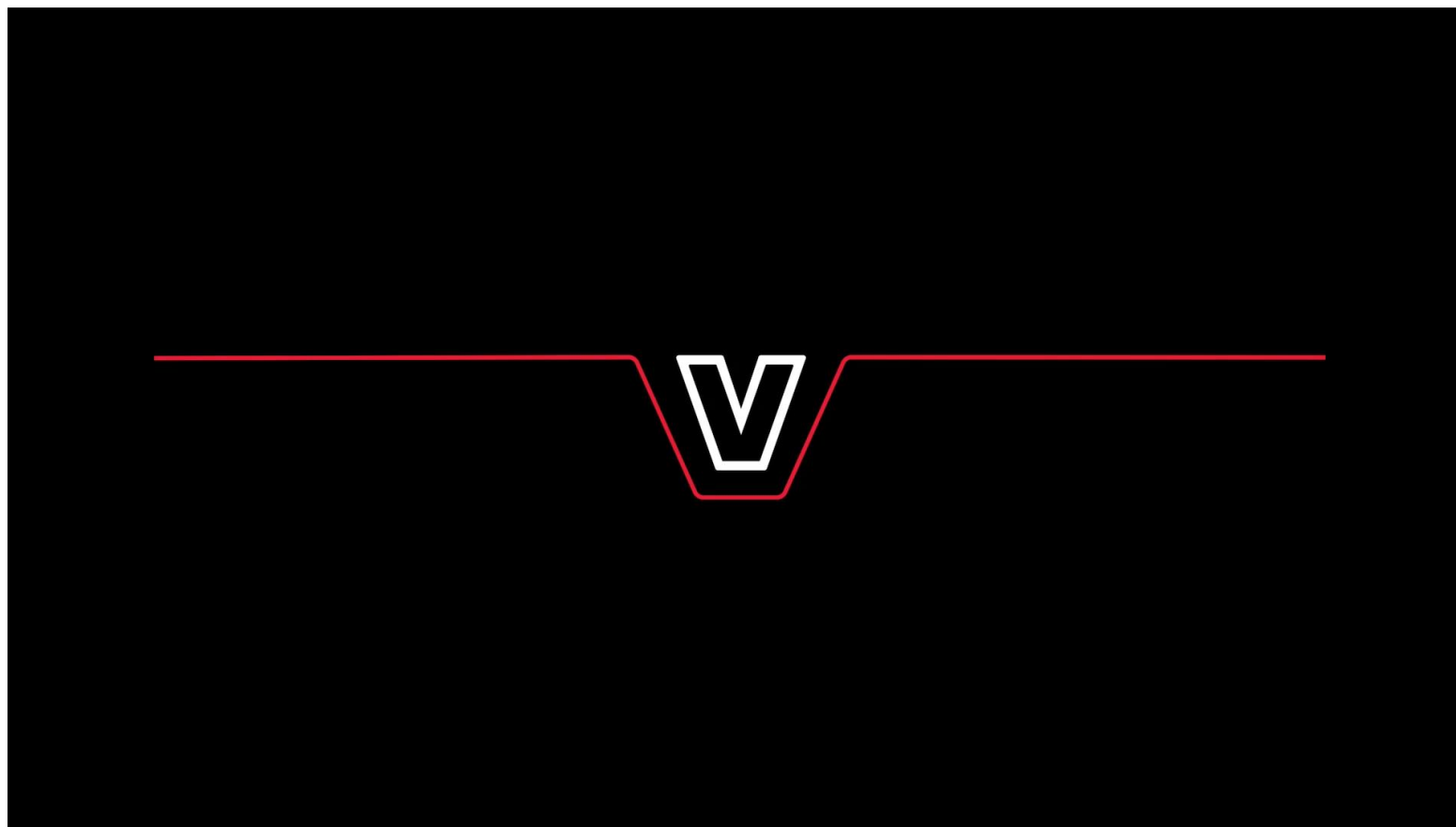
THE BOSS

Valtra S Series 6th generation



VALTRA is a worldwide brand of **AGCO**.

YOUR WORKING MACHINE



S SERIES MODELS



MODEL	ENGINE	STD		BOOST		SPEEDS	
	Type	hp	Nm	hp	Nm	Ta	Tb
S286	84 LXTN-D5	280	1250	310	1400	40	50
S316		310	1350	340	1500	40	50
S346		340	1500	370	1600	40	50
S376		370	1550	400	1700	40	50
S396		400	1700	420	1750	40	50
S416		420	1750	420	1750	40	50

Max Power at 1850 rpm (Rated speed 1950 rpm) max Torque 1500 rpm

S416

→ Generation (6th)

→ Reference to hp-level

→ Model Range (S Series)

WHERE DOES IT FIT IN?



A SERIES
105-115 HP



C SERIES
105-145 HP



N SERIES
135-201 HP



T SERIES
155-271 HP



S4 SERIES
270-400 HP

A SERIES

C SERIES

N SERIES

T SERIES

S SERIES

WHERE DOES IT FIT IN?



A SERIES
105-115 HP



C SERIES
105-145 HP



N SERIES
135-201 HP



T SERIES
155-271 HP



Q SERIES
230-305 HP



S SERIES
280-420 HP

A SERIES

C SERIES

N SERIES

T SERIES

Q SERIES

S SERIES

S6 DESIGN



The 6th generation bonnet design gives the S Series a modern look.

Due to the sloping bonnet, front visibility is improved.

New VALTRA-logo design

New bonnet lights

6th generation chrome details

PLENTY OF SISU!



DETAILS

- 8.4 L Displacement, 6 Cylinder, 4 Valve technology
- Rated speed = 1950 RPM
- Max power @ 1850 RPM (313kW)
- Max torque @ 1500 RPM (1750Nm)
- Long stroke engine provides long lifetime and constant power band

FEATURES

- + Single-stage turbocharging adds robustness and reduces complexity no need for cooling between the turbochargers (better cooling=less fuel consumption)
- + No EGR improves reliability and reduces the required cooling capacity (reduced cooling = reduced fuel consumption)
- + High torque at low RPM
- + High dynamic and very stable torque level through the curve

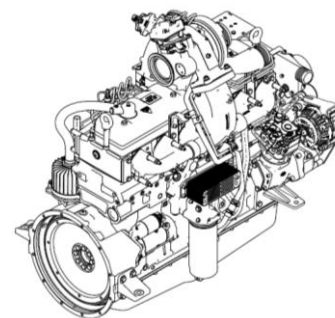
2100 RPM

1800 RPM

2000 RPM

CHANGES COMPARED TO S4

- Single-stage turbocharging adds robustness and reduces complexity.
- No need for cooling between the turbochargers
- Removal of EGR due to improved after treatment system
- Improves reliability and reduces the required cooling capacity
- Max. Power output = **5%** increase (to 313kW @ 1850RPM)
- Max. Torque = **9%** increase (to 1750Nm)
- Fuel consumption **3%** improvement (from 194g/kWh to 189g/kWh)



COOLING



HOOD DESIGN

- The bonnet design is cool...literally.
- The bonnet is curved over the full length and built out of small hexagons to create strength and durability.
- Two side covers included for cooling purposes.
- The driving wind and the viscos fan push the used air through these outlets
- Increases the cooling performance and reduces heat exchange from the engine to the cabin.
- The largest intercooler was chosen to maximise air volume through the system and to reduce heat in the charged air.

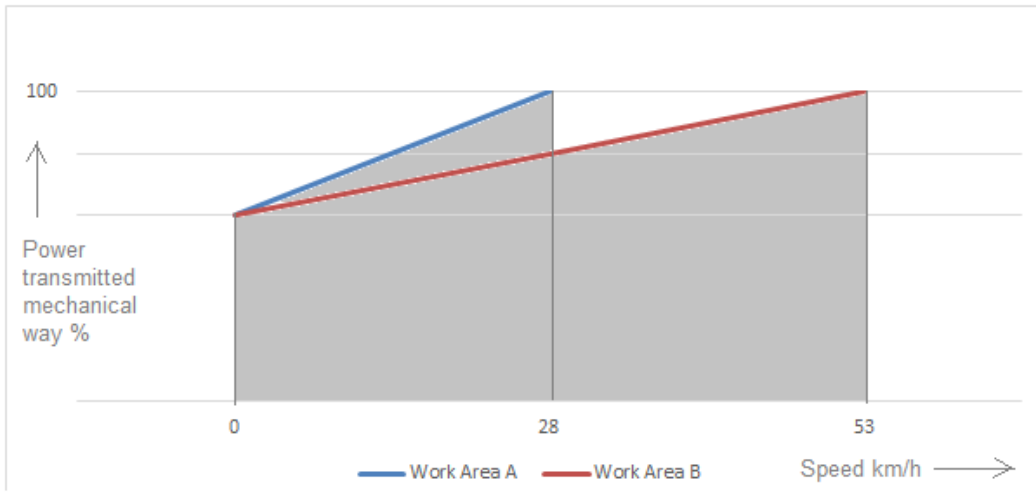
AIR INTAKE

- Unique high air intake is positioned high up to feed clean, fresh air.
- The air intake ventilation is located to the side and back of the tube, which enables drawing cooler air compared to drawing it in from the front.



TRANSMISSION

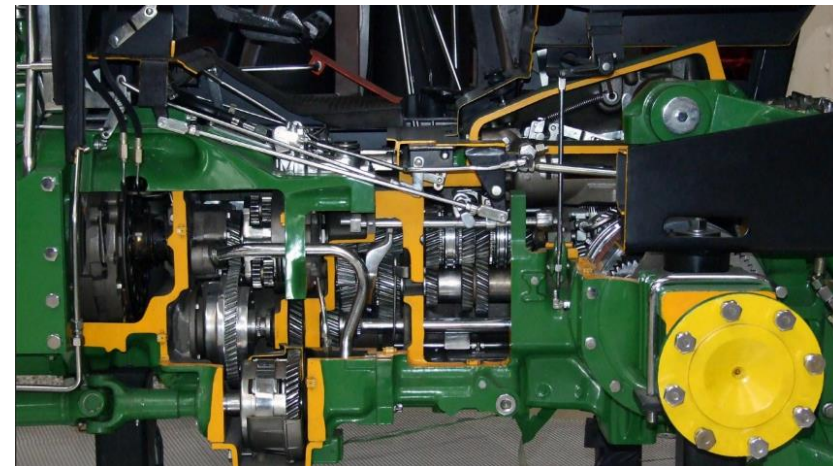
AGCO ML 260



VALTRA

ML-260

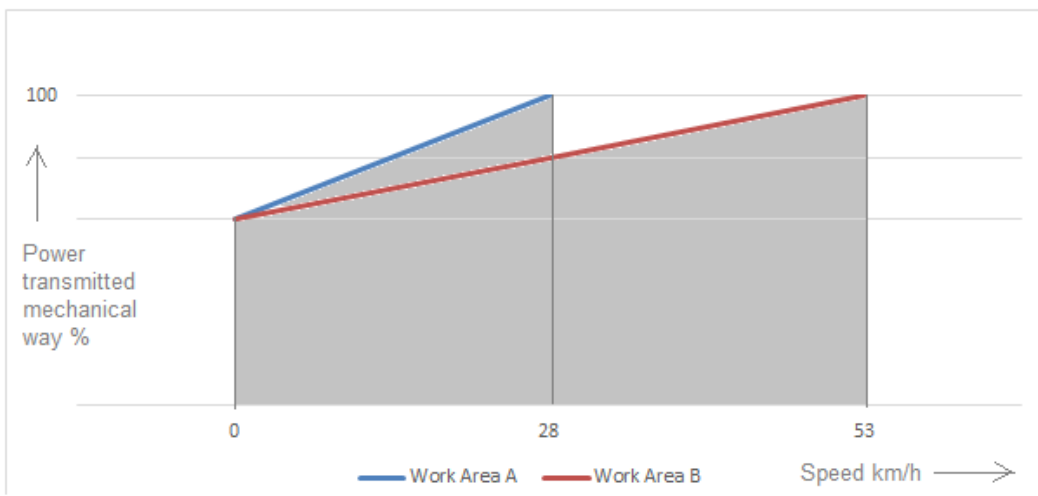
- Over 250,000 manufactured
- Simple but genius
- Two work areas
 - Field work and heavy pulling
 - Transport
- Automatic mode selects lowest engine speed to maintain lowest fuel consumption.





TRANSMISSION

AGCO ML 260



VALTRA

DETAILS - PROGRESS COMPARED TO S4

- AGCO ML 260 – up to date
- Heavy Duty CVT powerpack
- Reinforced input shaft and damper
- Reinforced bar axles to 125mm Ø (S4 105mm)
- Nominal PTO speed almost 10% lower than in S4 – fuel savings!

S4 nominal engine speed	PTO Speed	S6 nominal engine speed
1600	540E	1577
2030	1000	1882
1600	1000E	1605
2030	1000	1882

WHEELBASE



LONG WHEELBASE:

3092 mm long wheelbase provides:

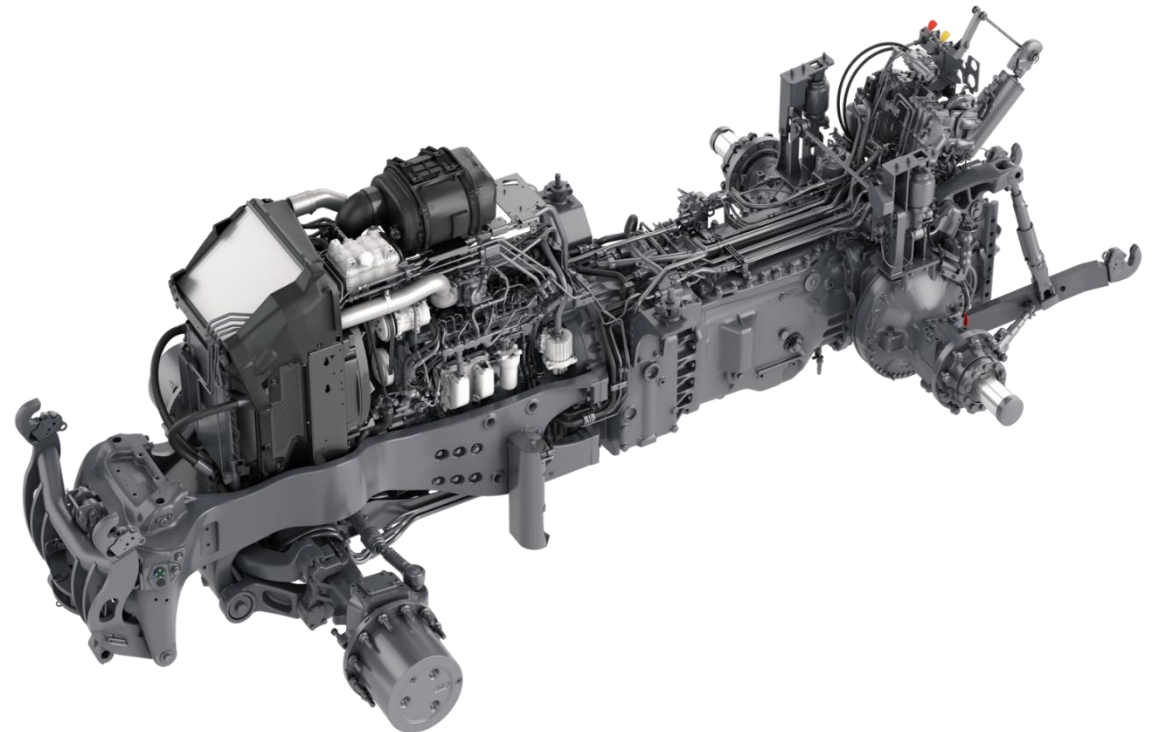
- + Balanced ride
- + Best handling at higher speeds
- + Increased stability for front linkage
- + Traction
- + Prevents power hopping
- + Increased comfort

HIGH GROUND CLEARANCE:

Market-leading 56/60 cm (mid and front axle) ground clearance, achieved by a totally flat belly. Everything has been designed to maximize ground clearance.

DURABLE DESIGN

- + The frame of the chassis is steel casting, which is extremely strong, yet flexible to adapt to the heavy weight of front and rear implements
- + High MGW to transport up to 18t legal (16t @ 50kph)
- + Perfect weight distribution 47 - 53 percent (unballasted)



LARGE BUT NIMBLE

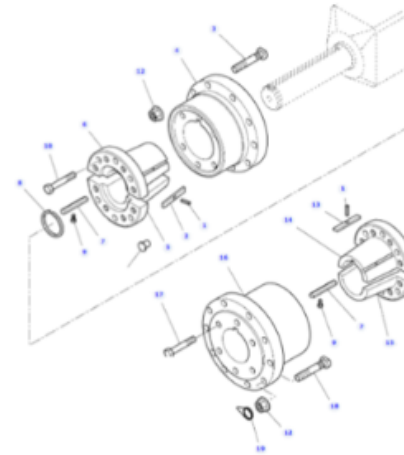
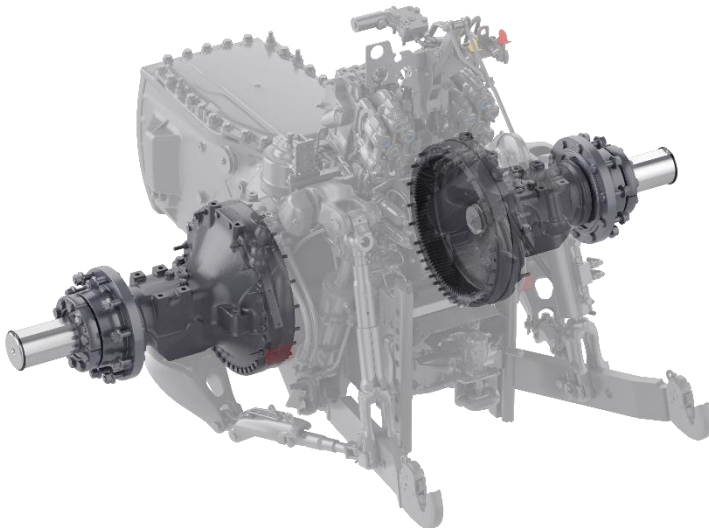


AXLES



AXLES

- Rear axle type HA260F
- Two options are available [**reinforced to 125mm Ø**]
- Basic bar axle [2.55m] mainly for the EU market
- Long bar axle [3m] is available,
- Max. Gross weight 18T at 40kmh top speed



BAR AXLE LONG HD, DUALS READY

Rear axle with adjustable mounting. Track width can be adjusted. Extra wheel hubs are mounted for Dual Tires. Not for EU.

Code : 64180900

\$9,363.00

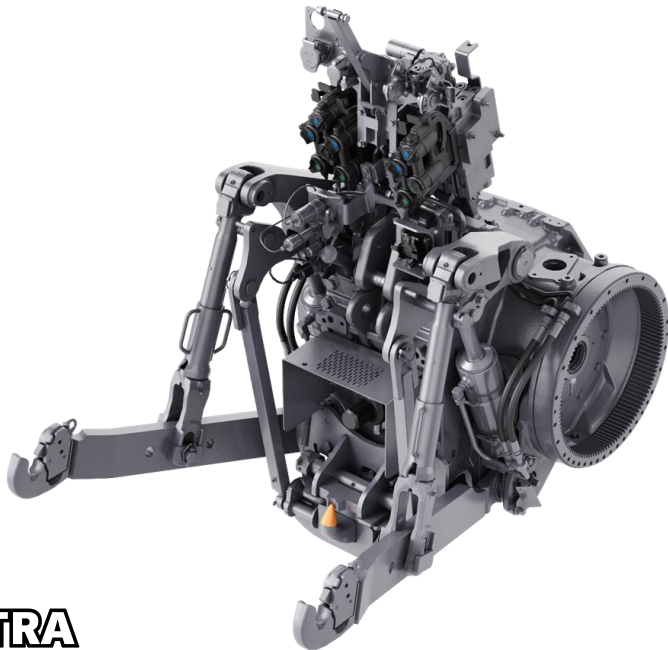
SELECT ITEM

REAR LINKAGE



- The HD 3-point linkage has solid geometry, which guarantees high lifting capacity and strength with heavy implements.
- 100mm lift cylinders and lift rods have 2 positions on lower links.
 - Hook ends
 - Ball ends
 - Quick Hitch (only with ball ends)

Feature	Value
Maximum lift force (kg)	12,000
Lifting area (mm)	800



SEPARATE HYDRAULIC OIL

- No oil mixing / dirt ingress to transmission
- Low maintenance costs due to long oil change intervals
- High oil volume (77 L) ensures a secure supply for large implements

FRONT LINKAGE



INTEGRATED FRONT LIFT:

- No additional frame is required for the front lift
- The front linkage does not limit turning angle of the front wheels
- Available only with suspended axle

Front valves, (included in selected front options)

- Up to 3 front valves
- Free return option

Feature	Value
Lift force (kg)	5,800
Lifting area (mm)	827



LOAD SENSING HYDRAULICS



There are two different high output hydraulic pump capacities:

- 200 L/min ECO or
- 200 L/min + 200 L/min
- In standard configuration the 200 L/min output is created at 1650 RPM.
- The ECO system is fitted with a second pump unit (gear pump) that can be switched ON or OFF according to use.
- In the 200 + 200 option there are two load sensing piston pumps.
- This provides a high operational reliability for implements with very large oil requirements and various consumers.

227 or 318 L/min

166 or 225 or 282 L/min

224 or 325 L/min

DECOMPRESSION COUPLERS:

To maximize ease of use, Valtra S Series' highline valves are fitted with decompression couplers with control levers on top of each spool valve.

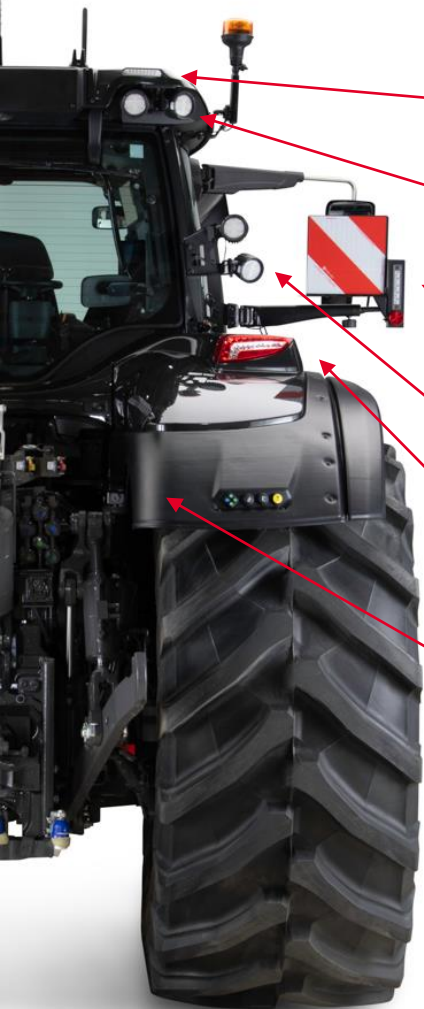
When connecting the hydraulic hose, simply turn the decompression lever.

+ Decompression couplers help to overcome the difficulty of connecting implements or attachments containing residual hydraulic oil pressure.

LIGHTS



<input checked="" type="radio"/> Work light Premium	STANDARD	64088000	\$1,086.00 ⓘ
<input type="radio"/> Work light Premium+		64088100	\$5,546.00 ⓘ



Roof LED indicators

Rear LED work lights [Basic 1100 lumen Premium+ 2800 lumen]

Extremity lights and panels (required when vehicle width over 2550mm)

Rear waist double LED lights [Basic 1100 lumen Premium+ 2800 lumen]

Rear lights

Draw hook LED light [450 lumen]

LED work light [3800 lumen each]

LED waist work lights [1100 lumen basic or 2800 Premium+]

LED extremity lights
LED turn indicators

LED Daytime running lights

Work lights 387 lumen each



WORK WHICHEVER WAY **YOU** WANT



With the innovative, factory-fitted, TwinTrac reverse drive system, you can take full advantage of the S Series' excellent rear visibility, heavy lift capabilities, powerful hydraulics, and heavy-duty PTO by operating the S Series in reverse. TwinTrac saves time, saves fuel, and saves your back!



COMFORT



**SMART A PILLAR
DISPLAY**

SMARTTOUCH EXTEND

SMARTTOUCH UI

**PHONE HOLDER &
CHARGING**

STORAGE

**INDUSTRY BENCHMARK
SMARTTOUCH**

**PREMIUM
INTERIOR**

STORAGE

**BEST POWER
SHUTTLE IN THE
MARKET**

**COMFORTABLY
SILENT**

**VALTRA
EVOLUTION SEAT
FOR MAXIMUM
COMFORT**

**FLAT &
SPACIOUS
FLOOR AREA**

**STORAGE BOX
& COOL BOX**

YOUR WORKING MACHINE

VALTRA

COMFORT

The S Series is enjoyable to drive, easy to operate, and a pleasure to work with. The spacious and ergonomic cab has excellent visibility. Suspension options for the front axle, cab, and seat, ensure all-day business-class comfort. Valtra Unlimited takes visibility, comfort, and safety to the next level.

SUSPENSION

- AutoComfort or mechanical cab suspension.
- Reliable, proven front suspension
- Rigid axle as an option
- Valtra Evolution driver's seat

AUTOCOMFORT CAB SUSPENSION

- AutoComfort automatically adapts to any weight change or different driving conditions and situations as they occur –like braking or accelerating.
- Smoothest drive is guaranteed.

EVOLUTION SEAT

- Cooling and air-conditioning in the seat
- Lumbar adjustment with air
- Anthracite layer offers the best comfort



VISIBILITY

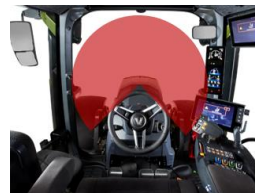


WITH 6.5 SQUARE METRES OF GLASS, A MARKET-LEADING 270° WIPER, AND EXCELLENT WORKING LIGHTS, YOU WILL BE ABLE TO SEE WHAT YOU ARE DOING



6.5m² glass area

And 5 narrow pillars



270° Wind screen wiper

And 180° side window wiper



Steep bonnet design

Improved visibility



Heated & Electrically adjustable mirrors

With wide angle mirror



12 air vents in roof + lower heater vents

Clear & fresh air



High visibility roof



Skyview

Valtra specialty, with roof window wiper



Unrivalled rear visibility

With 180° rotating seat



Safety cameras

Rear camera to save your neck.
Second camera available in front



Heated windscreen and rear windows

Options



USER INTERFACE



- The best in both ergonomics and comfort
- Easy to use and easy to learn user interface
- The A pillar display is standard
- The operator can easily follow important information without moving the head
- The A pillar display is in the right position to follow all information while driving
- Full function programmability in SmartTouch
- Auto-Guide, precision farming, ISOBUS universal terminal and camera view integrated into the display
- Easily manageable user and implement specific settings

SMART FARMING CAPABILITIES



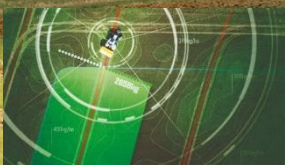
SMARTTOUCH

The best user interface since 2017



VALTRA GUIDE

The smoothest and easiest guidance on the market



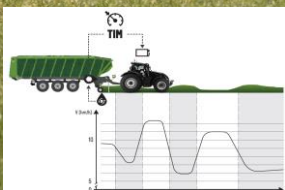
SECTION CONTROL

Up to 96 sections - Multiboom



VARIABLE RATE CONTROL

Distribution control of up to five different products simultaneously



TASK DOC PRO

For easy data and task transfer + documentation

TIM

Implement can control tractor (2025)

WAYLINE ASSISTANT

For easy wayline creation and use



AUTO U-PILOT

Automate headland management in full

SMARTTURN

Auto turn in headland minimizes driver stress, soil compaction and tire wear



Coming in 2025

VALTRA

YOUR WORKING MACHINE



UNLIMITED POSSIBILITIES

Profit, prestige, and productivity with Valtra Unlimited - now available for all S Series models. Think big. Think smarter with Valtra Unlimited smart solutions - an all-new range of tested and factory fitted technology and tools to help you work smarter and safer.



UNLIMITED PACKAGES

AMBER DESIGN

TITAN GREY DESIGN

BURNT ORANGE DESIGN

WHITE ELEGANT DESIGN

BLACK MATT DESIGN

RUBY RED DESIGN

TURQUOISE DESIGN

ULTRA GREEN DESIGN



CENTRAL LUBRICATION SYSTEM

Keep your S series running smoothly also in extraordinary difficult environment and skip the need of lubricating manually each individual lubrication points. Unlimited offers two solutions, fully automatic or simplified manual central lubrication.





THANK YOU

VALTRA

YOUR WORKING MACHINE