



DIVERTO

WORK
WILL NEVER
BE THE
SAME



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TEAM DIVERTO

DIVERTO MEANS TO TURN AWAY, BEING DIFFERENT
NOT LIKE ANYTHING ELSE. WE WORK THAT WAY!

A changing world provides opportunities for smarter, more efficient and better performing equipment solutions. At DIVERTO we like to work real hard on this, all of our team members are focused on progressive machinery. We don't mind taking some risk to make the seemingly improbable possible. We all believe that a DIVERTO should be an absolute professional joy to work with, every single day of every season.

Our goal to build and market breakthrough innovations is being made possible through our assembly partnership and co-shareholder with VDL Groep. They understand that revolutionary products demands a long-term commitment. VDL Groep is focused on the development of semi-finished and finished products, such as buses, coaches and producing assembly line equipment for brands like Jaguar, Land Rover and Volvo. They also assemble cars for BMW. Since the founding in 1953 this family-owned company has grown to include 82 operating companies, situated in over 18 countries and employing over 9,100 people.

DIVERTO and VDL together design, engineer, manufacture and test to the highest European quality standards, all executed in The Netherlands. We are low profile, so give us a call for a cup of coffee. We like to know what you think and what we can improve for you.

Enjoy the ride. Team Diverto.



DIVERTO

2004

1. Founding of Company.
2. Winner New Venture, business plan competition for start-up ideas.



2005

1. First prototype of folding boom.
2. Winner Shell Livewire, running start-up competition.
3. Grant from Ministry of Economic Affairs to develop folding boom technology including partners Delft University of Technology and ETEC.



PATENTED

Folding Boom patent granted in Europe.

2006

Testing & optimization of new prototypes.

PATENTED

Folding Boom patent granted in America.

2007



Presentation of folding boom at the Bauma trade show in Munich IDEA (Gold) design Award from Industrial Designers Society of America.

PATENTED

1. Folding Boom patent granted in Asia.
2. Trademark & Modelrights World Wide.

2008

1. First design of complete machine platform.
2. Testing and improving folding boom.

PATENTED

Patent application for tool carrier platform.

2010

1. Construction/testing of platform prototype Two new patent applications.
2. GALABAU innovation medal, Nurnberg.



PATENTED

Two new patent applications.

2012

1. Cooperation with VDL Groep.
2. Testing of DIVERTO QS 100.



PATENTED

1. New patent application
2. Model rights granted DIVERTO QS 100
3. Second patent on folding boom granted

2009



1. Grant from European Union to develop super tool carrier machine platform.
2. Research & engineering of own platform.

2011

1. Research & engineering for production model DIVERTO QS 100.
2. Testing of tool carrier platform.

2013



1. Testing of DIVERTO QS 100.
2. On Road Certification of DIVERTO QS 100 granted.
3. Start production QS 100.

PATENTED

1. Tractor tool carrier platform patent granted.
2. Two new patent applications.

THE ROAD TO
BREAK THROUGH
INNOVATION

DIVERTO

THE WORLD CHANGES CHANGE WITH IT

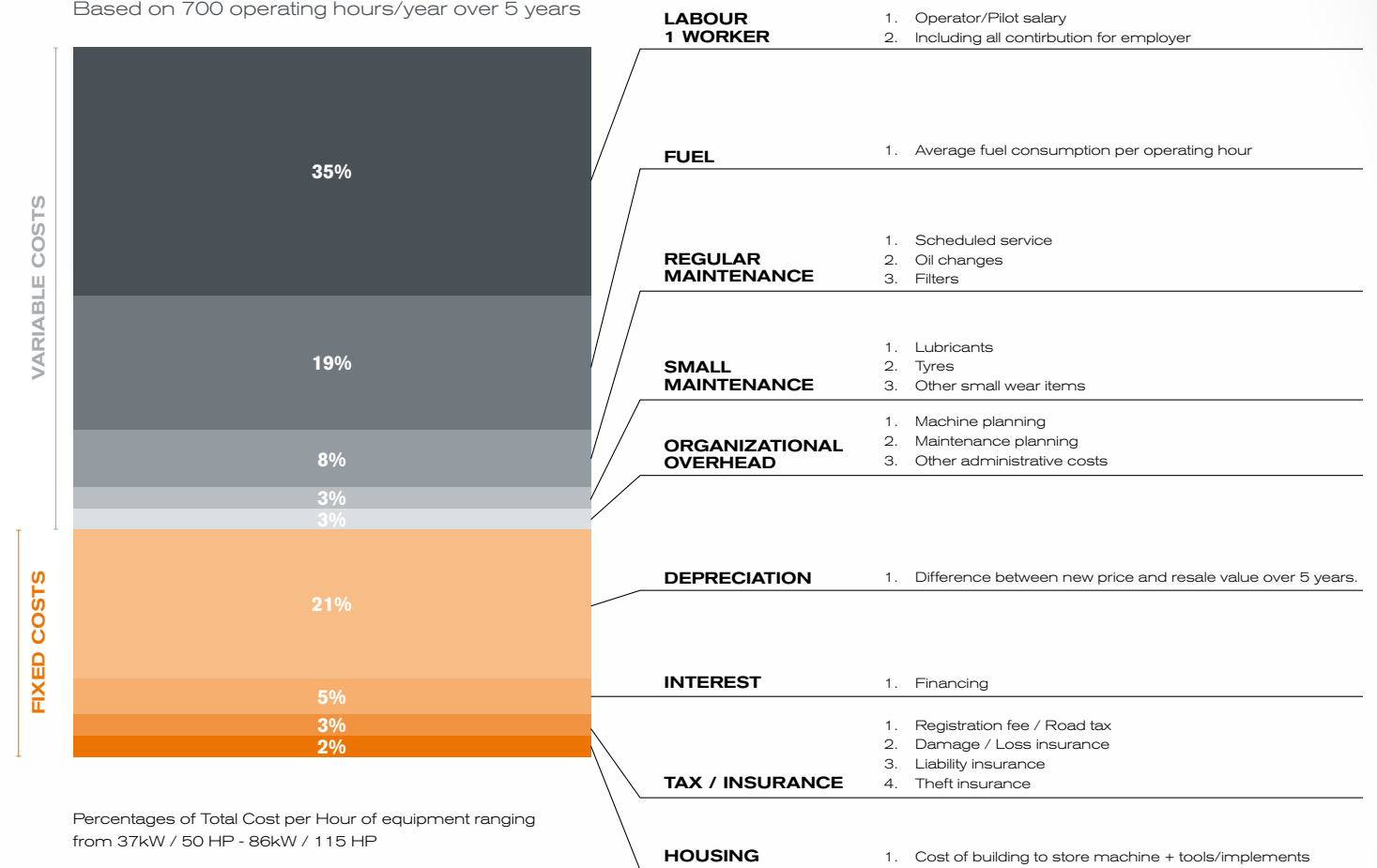
The current economic environment challenges us to keep being innovative. Throughout these tougher years we continue to ensure that generations ahead can still enjoy our planet. DIVERTO is a great supporter of a cleaner environment and wants to play its part in this.

Tier-4/Stage IIIB emission legislation requires extremely clean engines. This means after-treatment such as Exhaust Gas Recirculation (EGR), Diesel Oxidation Catalyst (DOC), Diesel Particulate Filters (DPF) or a Selective Catalytic Reduction (Ad Blue) or a combination of them. These solutions require larger cooling packages, new on-board electronics and increased service intervals. In fact, every single machine or every single transport vehicle with a combustion engine is becoming more expensive every year.

DIVERTO's part in this is to make entrepreneurs, managers and operating pilots aware that by using a DIVERTO QS 100 you are also rethinking how to cope with your fixed and variable cost, and using your resources efficiently.

TOTAL COSTS PER HOUR

Based on 700 operating hours/year over 5 years



In general, salaries, fuel prices and other overhead costs are on the rise, and if we want to remain profitable and maintain our standard of living we most likely need to work longer before enjoying our pensions. These changes require a new and fresh way of thinking. By being able to reduce the variable costs on one hand, and on the other hand utilizing the fixed costs of equipment to a maximum level.

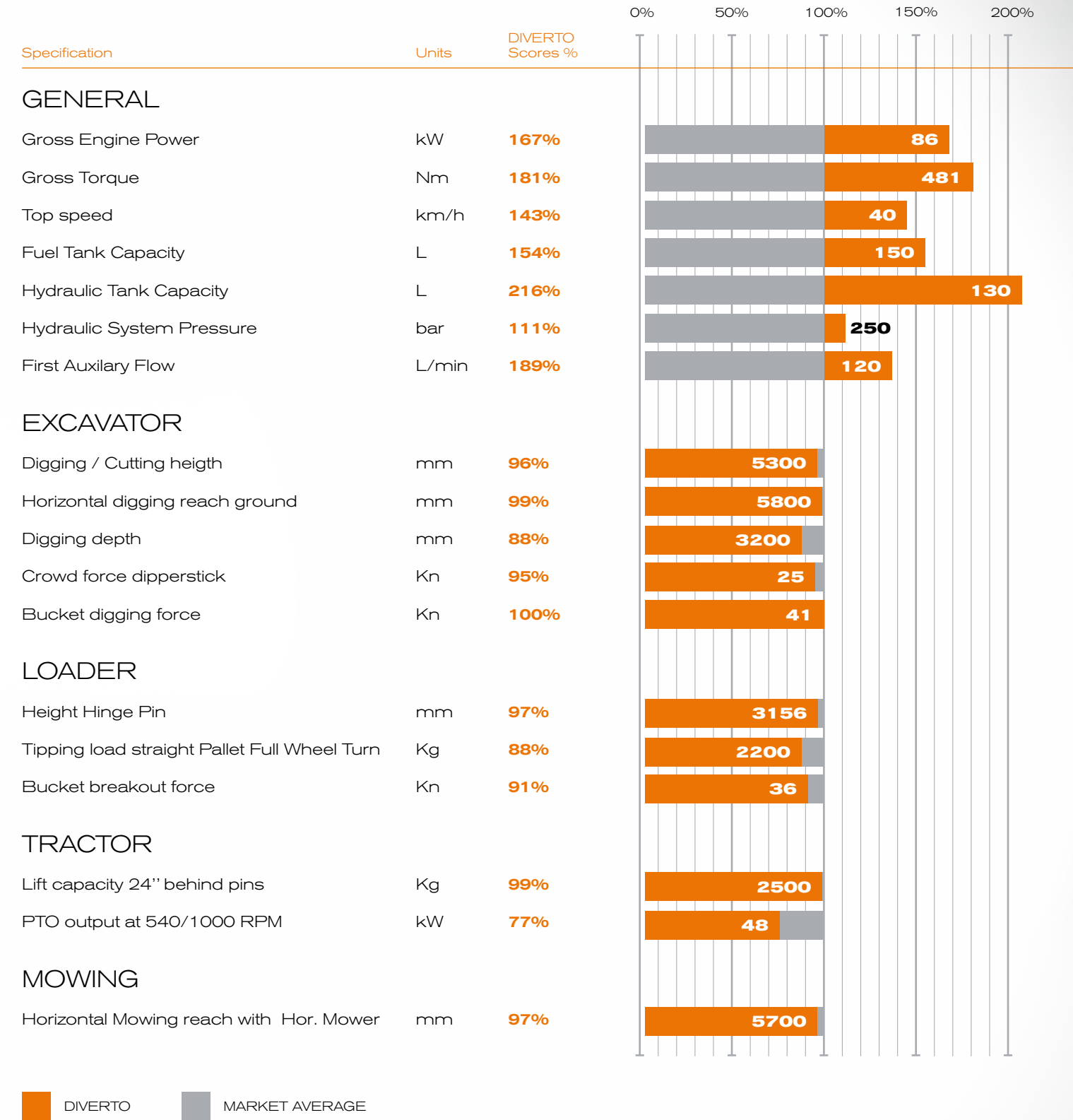
PERFORMANCE MATTERS

Diverto's challenge is to provide the pilot the right tools. This is made possible because Diverto designed and engineered the machine from the ground up on a clean sheet of paper, not being bound by an existing platform, therefore not having to make any compromises.

The very first starting point from an engineering point of view is that the performance of the DIVERTO QS 100 must be very competitive and in many cases even better than what the current market has to offer.

Secondly, the synergy between the four main functions of the DIVERTO QS 100 Excavator, Loader, Tractor and Mower is key to the functionality. Every component installed is being used in all of its four functions.

All put together, the DIVERTO QS 100 can be described as – Mobility on and off road, Ergonomics, Compactness, Intuitive controls and Performance.



■ DIVERTO
 ■ MARKET AVERAGE



THE DIVERTO PHILOSOPHY: "ALL GENERATIONS OF OPERATING PILOTS SHOULD ENJOY GREAT MACHINE OUTPUT, COMBINED WITH INCREDIBLE COMFORT AND INTUITIVE CONTROLS."

THE MAN AND HIS MACHINE

The cabin puts you at the heart of the machine and gives you the feeling that you are in absolute control. A remote control minimizes physical labour or even making it a thing of the past.

Once at ease with the functionalities of a DIVERTO, you have a platform that can be tuned to your wishes by selecting different kind of program settings and priorities. We keep on developing optional software packages to execute more complex work and applications you could not have dreamed of. And we do like input from professionals like you.

DIVERTO gives you the power of ultimate freedom and flexibility with unlimited possibilities, on-road and off-road.

The Diverto QS 100 is certified as a T1 tractor, meaning that you may drive on the public road at 40 km/h. Check your local authority which driver's licence is required for your country.

PATENTED

Triple patented by DIVERTO

Boom construction and cylinder positions identical as standard excavators

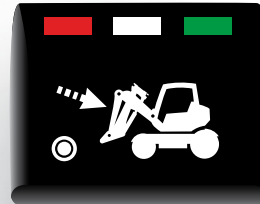
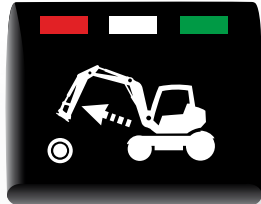
IMAGINE GOING FROM A PURE DEDICATED EXCAVATOR BOOM GEOMETRY TO A 100% WHEEL LOADER GEOMETRY IN JUST 60 SECONDS.

TRANSFORM IN 60 SECONDS

That is exactly what you get on a DIVERTO QS 100 with a single button push from within the cabin. And once the transformation is completed, the controls automatically are set for that chosen function with the right proportionality you are used to.



Loader frame and cylinder positions identical as standard wheel loaders



A TRUE EXCAVATOR ROTATES UNLIMITED 360°. THIS FREEDOM OF MOVEMENT IS ALSO AVAILABLE TO ANY TOOL YOU CONNECT TO THE QUICK COUPLER. IMAGINE FRONT LOADING OR REAR LOADING GRAVEL, SAND OR SOIL, AND SPREADING OR DUMPING IT ON ANY SIDE. CONSIDER A BOOM MOWER YOU CAN MANOEUVRE IN ANY ANGLE YOU WISH. SAVE TIME DISPLACING THE MACHINE AND GET AROUND CORNERS AND OBSTACLES WITH GREAT EASE.

360°

Having a pure excavator, boom mower and loader at 360° are already 3 main functions. To get Quattro in just one platform, we incorporated a pure tractor. The beauty is that you have all this available anytime, anywhere you use the 3 boom functions. That is what we call SYNCHRONIZATION.



The 3-Point Hitch has standardized category II dimensions. It lifts and it floats. Any tool can be pulled while following the ground like a mower, a tiller or a stone burrier. The 3-point hitch also has a push function. So by coupling a loader bucket you can create additional stability while digging.

The power take off can be chosen at 540 and 1000 rpm. It's powered hydrostatically and therefore protects the engine when it's providing energy to tools for high load applications.

Compared to a standard tractor, DIVERTO offers an extreme spacious cab with air suspended seat in two directions. You can choose which way to drive just by selecting the "reverse" steering switch. This allows you to have a great forward view on any 3-point hitch tool in "reverse" steering mode, with the steering logic for that direction.

All these QUATTRO SYNCHRO functionalities are exclusively world-wide patented by DIVERTO.

PATENTED

THE REMOTE CONTROL UNIT ENABLES THE PILOT TO CONTROL ALL MACHINE MOVEMENTS WITH ANY KIND OF TOOL WITHOUT THE NECESSITY TO STAY IN THE CABIN. HANDLING THE MACHINE MOVEMENTS HAS NEVER BEEN SO EASY. THE UNIT IS ERGONOMICALLY DESIGNED MAKING SURE ALL FUNCTIONS ARE IDENTICALLY CONTROLLED AS THE CABIN JOYSTICKS. THE REAL ADVANTAGE IS THAT THE PILOT CAN HAVE A BETTER ANGLE TO THE OPERATION FOR A SAFER AND MORE EFFICIENT OVERVIEW.

TOTAL CONTROL

Health and safety regulations are getting more stringent to protect workers from physically extreme demanding labour. Picking up and replacing heavy loads is made easy with the precision proportionally remote control unit. While standing next to the machine, this reduces worker fatigue and potential illness on one hand and increases enthusiasm and motivation on the other. A patent pending exclusive by DIVERTO.



HIGH PERFORMANCE ENGINE

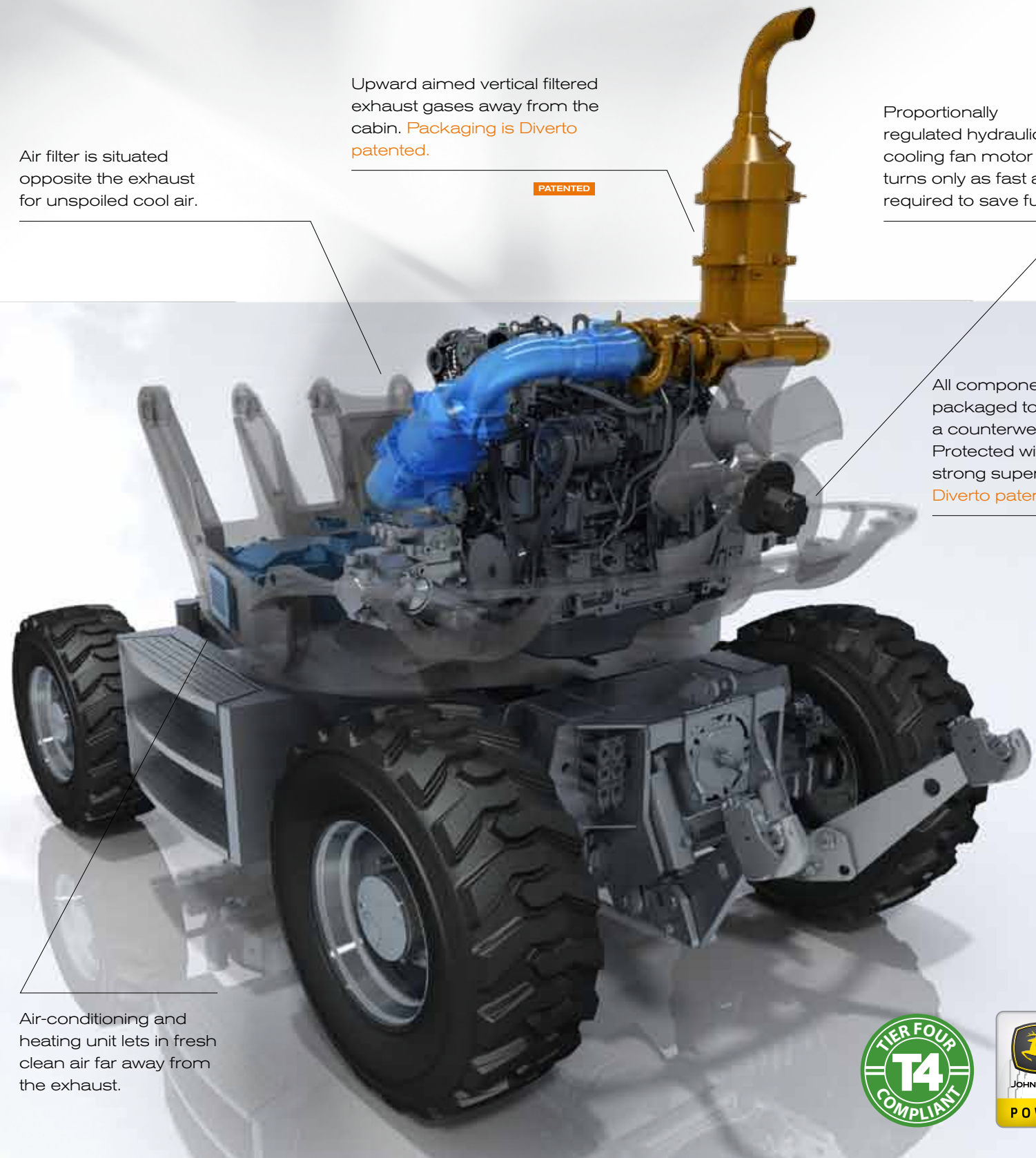
Air filter is situated opposite the exhaust for unspoiled cool air.

Upward aimed vertical filtered exhaust gases away from the cabin. Packaging is Diverto patented.

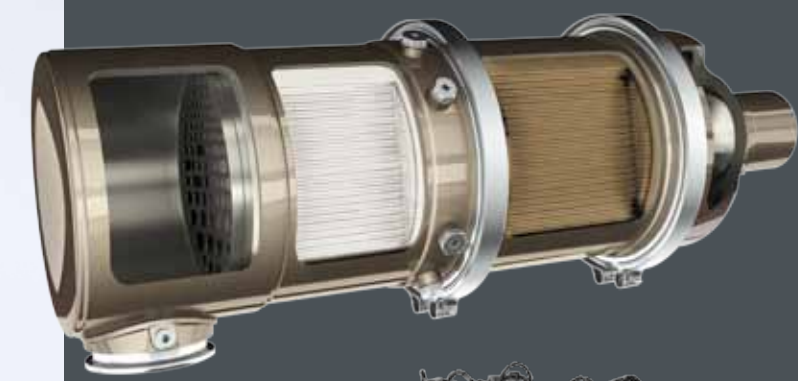
Proportionally regulated hydraulic cooling fan motor turns only as fast as required to save fuel.

All components packaged to eliminate a counterweight. Protected with a strong superstructure. Diverto patented.

Air-conditioning and heating unit lets in fresh clean air far away from the exhaust.



John Deere Power Tech 4045 incorporating a 4 cylinder 4,5 liter T4i Turbo engine with 4 valves per cylinder and 2 balancing shafts for a comfortable 115 HP/86 kW Gross power with exceptional 481Nm Torque.



Exhaust Gas Recirculation, Diesel Oxidation Catalyst and a Diesel Particulate Filter reduces the Particulates (PM) of the DIVERTO QS 100 to almost a factor 10 compared to engines below 74 HP/55kW. The DIVERTO QS 100 is also a lot cleaner in terms of NOx + HC gases compared to much smaller engines, according to EPA and EU emission regulations. A cleaner planet means also a cleaner working environment for the pilot and people on the work site.



The DIVERTO QS 100 uses a patent pending pump constellation on both sides of the engine. First of all this allows for a low engine build-in, reaching a low centre of gravity over the large rear tyres. Secondly, maintenance of all 4 hydraulic pumps and engine filters is done within easy reach.

EVERY SEASON IN POLE POSITION

SPRING

SUMMER

AUTUMN

WINTER

GENERAL

< Power Take Off & 3 Point Hitch available Anytime >
< 115 HP/86 kW Power & 481 Nm Torque >
< 40 km/h Top Speed >
< 360° Boom & Cab Rotation >

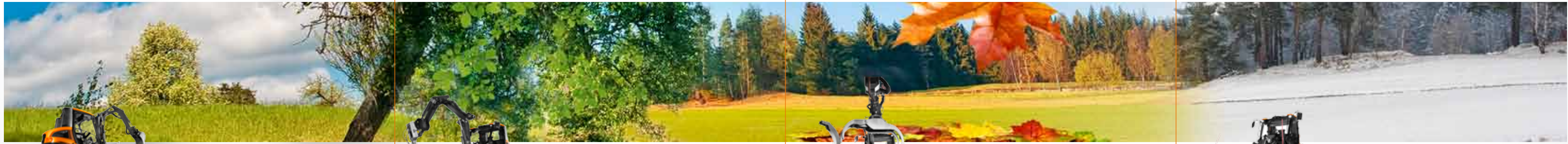
MAIN APPLICATIONS

< Wheel Loader 360° & Forklift >

< Tractor >

< Excavator & Craning 360° >

< Mowing 360° >



SPRING

SUMMER

AUTUMN

WINTER

40^{KM/H}

ON ROAD
HOMOLOGATED
TRACTOR WITH 40
KM/H TRAILERING
UP TO 5 TONS

360^o

ENDLESS BOOM AND
CABIN ROTATION

6^M

ARM REACH OF 6 M



EQUIPPED FOR A FERTILE SPRING

LANDSCAPERS DEMAND MORE THAN
EVER FAST AND EFFICIENT LOW COST
BASE SOLUTIONS. IMAGINE USING ONLY
ONE DIVERTO QS 100.

You do not need a truck and trailer to transport different
single purpose machinery, but you can drive the Diverto QS
100 at 40km/h speed on the public road trailing all your
necessary tools and materials for the work at hand.

The QS 100 - with just a 6,2 ton mass - is agile with low
ground pressure. It makes it ideal for parks, golf courses,
ranches and farms. Simply jump in with a team of two to
get the job done wherever on your premises, eliminating the
need for a second vehicle or hiring in additional equipment.
A DIVERTO connects to just about any tool with exceptional
proportional control.



BRANCH/ HEDGE CUTTER

The cutter is
proportionally
controlled. The rotating
cabin assures you to
maintain a safe and
comfortable view.
Preventing turning
your neck 90°.



MOWER

A safe, comfortable
and efficient mowing
of verges and banks
is guaranteed.



GOLF COURSE MAINTENANCE

The abundance of available
well performing attachments
on only 1 Diverto QS 100
can make other machines
redundant.

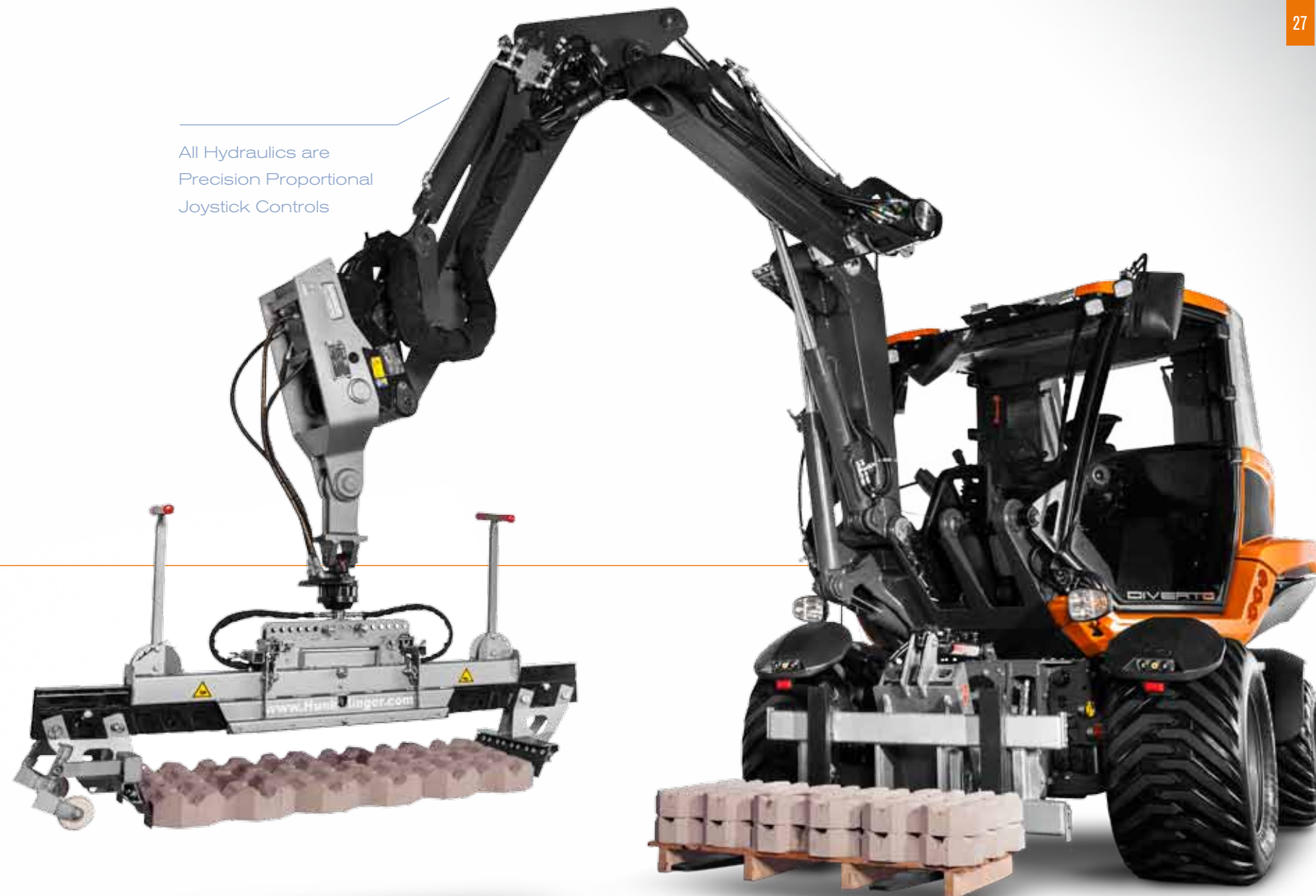




EQUIPPED FOR A HOT SUMMER

THE COMPACT SIZE OF THE QS 100 ALLOWS YOU TO MANOEUVRE EASILY THROUGH DENSE URBAN AREAS.

Slithering village streets, larger cities and even the biggest metropolitan can be tackled with a QS 100. Due to its capability to legally drive on the public road with 40km/h while pulling a trailer, you do not need very large transportation equipment. Less road blockage, less traffic jams and 4 functions in an extreme powerful and compact DIVERTO QS 100 platform.

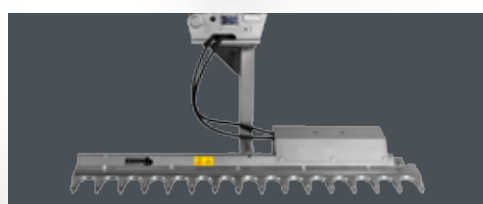


All Hydraulics are Precision Proportional Joystick Controls



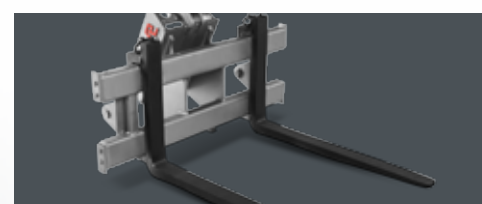
REMOTE CONTROL

While using the remote control you do not need to be in the cabin. Even better, this enables you to get physically close to your work ensuring more precise manoeuvring.



DITCH CUTTER

You can rotate the cabin in a 90° angle and drive sideways. In this position you have a clear view on the ditch cutter and the direction ahead of you.



LIFTING PALLET FORK

All tools by DIVERTO partners for the loader function can also be used at the 3-Point Hitch. This means double functionality in two directions for Synchronized combinations.

THE CATEGORY II 3-POINT HITCH HAS A LIFT CAPACITY OF

2.5 TONS

DIRECTIONAL DRIVING

This allows you to drive the QS 100 to the other direction with the cabin 180° turned.

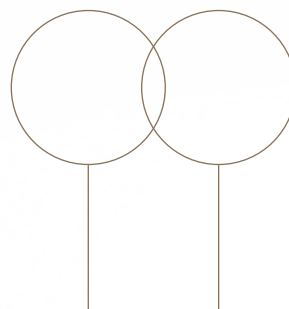
100^{HP/74KW}

**NET
HYDRAULIC
POWER
AVAILABLE**

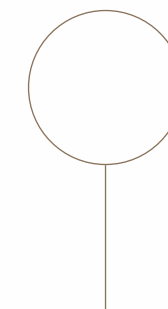


4x4

OFF-ROAD



EQUIPPED FOR A ROUGH AUTUMN



EACH TIME WHEN YOU CONNECT TWO TOOLS, YOU ARE USING THE QS 100 EFFICIENTLY AND MOST LIKELY MAKING A SECOND MACHINE REDUNDANT.

The 100 HP Net John Deere engine gives you enough power and torque to use many functions SYNCHRONISED, such as driving, slewing, 3-point hitch, PTO and the wood clamp, all at the same time.

FORESTRY WINCH

Connecting the winch to your 3-point hitch and PTO, you still have your unfolded arm available for a wood clamp.



REMOTE CONTROL

For superior visibility to the wood chipper feeder, just switch on the remote control. It will result in greater efficiency.



BLOWER & MULCHER

Using two tools at once, saves you an additional machine, whilst your view on both tools is ideal.



* research made on behalf of Diverto Technologies BV itself.

EQUIPPED FOR A SEVERE WINTER

WINTER DEMANDS HARD MEASURES. THE DIVERTO QS 100 GIVES YOU THE RIGHT TOOLS TO BATTLE SNOW AND ICE.

The hydrostatic driving propulsion gives you traction of 4 tonnes. All tractor and boom hydraulics are proportionally controlled, including a boom-damping and boom-floating system, resulting in more driving comfort.



HIGH CENTRAL SEATING FOR SAFE CLEAR VIEW

40^{KN}
TRACTION FOR SNOW PLOWING OR SNOW THROWING

HYDROSTATIC DRIVE
40^{KM/H}

SALT SPREADER TRAILER

The 4 different kind of coupler units; 50mm, 80mm, Clevis and Pitonfix; gives the pilot the opportunity to tow any kind of trailer.



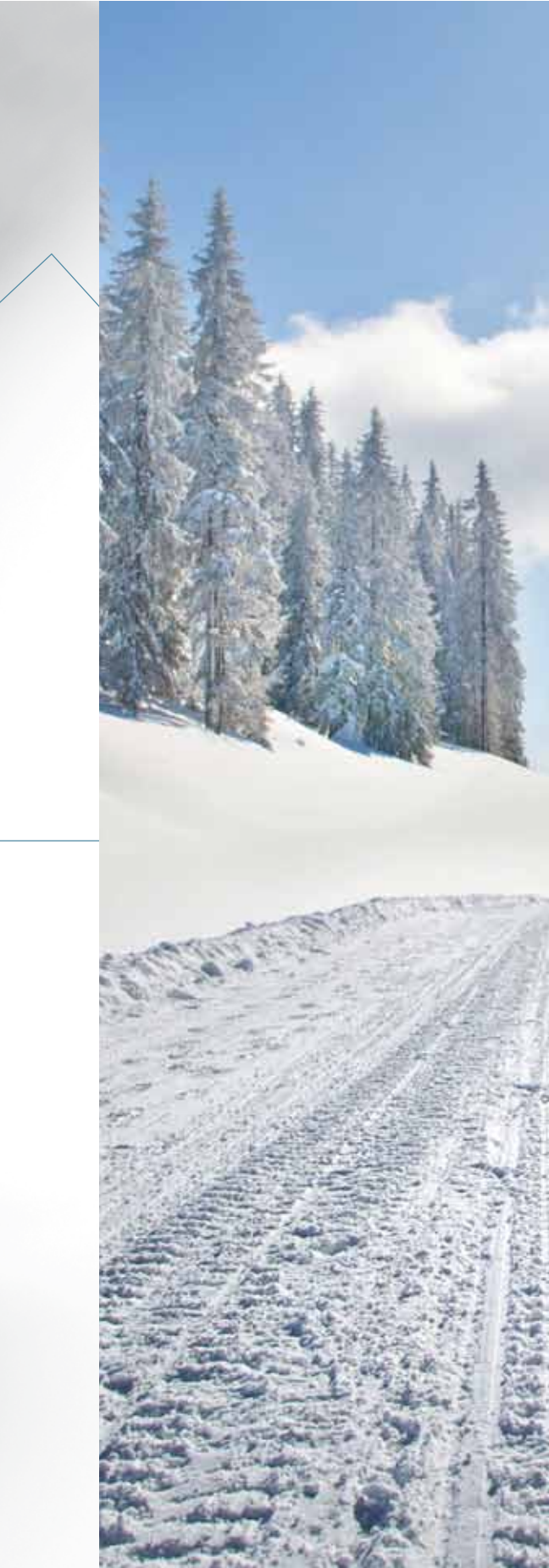
SNOW THROWER

First auxiliary flow of 120L/min at 240 bar, a second and a third auxiliary flow of 40 l/min available at 200 bar.



SALT SPREADER

12V connection and 3 proportionally controlled hydraulic auxiliary flow connections.







CLEAR PILOT
VIEWS, MOBILITY,
COMPACTNESS
AND COMFORT.
DIVERTO HAS ALL.

SAFE AND COMPACT

SAFETY ALL YEAR ROUND! AT 40 KM/H, THE VISIBILITY ON THE ROAD IS ABOVE MARKET AVERAGE BECAUSE OF THE CENTRAL SEATING POSITION, WHILST THE TOTAL HEIGHT OF THE QS 100 IS LESS THAN ANY OTHER ROTATING PLATFORM ON THE MARKET.

In the folded transport mode, there is no engine hood and no boom kinematic system blocking your view to the travel direction, nor the sides. The large windshield and full glass doors are an industry benchmark. Less dead corners increases safety for DIVERTO workers and traffic around them substantially, especially in urban areas. Besides that, the work and rotation mode has an exceptional short radius compared to similar engine power solutions.



5070 CM

2755 CM

SIDE BY SIDE

DIVERTO BRINGS THE WORD "PILOT COMFORT" TO AN ABSOLUTE HIGHER LEVEL. THE QS 100 IS CERTIFIED AS ON-ROAD TRACTOR FOR 2 PERSONS WITH A MAXIMUM SPEED OF 40 KM/H ON PUBLIC ROADS, NATURALLY ROPS/FOPS APPROVED.

- 1 Industry class widest doors on either side for superior entrance and exit
- 2 Passenger seat ensures a 2-team comfortably to and from work sites
- 3 Open-able top window ensures a view to excavator boom in top position
- 4 Mirrors, possible on either side
- 5 Sun visor protects you from low sunlight



PATENTED



FULL PROPORTIONAL CONTROL



LEFT JOYSTICK ALL CONTROLS PROPORTIONAL

- 1 Double hand safety button
- 2 Second boom section proportional
- 3 Proportional Auxiliary 3
- 4 Proportional Auxiliary 1



PILOT SEAT BY GRAMMER

- 1 Full comfort air suspended seat with heating
- 2 Left and Right consoles upwards tit-able
- 3 Right console adjustable in height and fore/aft
- 4 Integrated seat back extension
- 5 Lumbar adjustment
- 6 Side support adjustment
- 7 Arm rests. Fore/aft seat sliding adjustment



SECOND KEYPAD

- 1 Secondary Functions
- 2 Power Mode switch



RIGHT JOY STICK CENTRAL CONTROL UNIT KEY PAD 1

- 1 Proportional Auxiliary 2
- 2 Cruise Control hydrostatic drive speed
- 3 Forward/Neutral/Reverse (F/N/R)
- 4 Full colour Multi Display with PIN code
- 5 Hand Throttle
- 6 Engine Start / Stop
- 7 Proportional Boom Float
- 8 All tractor functions proportional
- 9 All wheel loader functions
- 10 All boom mower movements including slew/rotation

ISO EURO EXCAVATOR/LOADER CONTROLS + INTELLIGENT LIGHT FEED BACK + THEFT CONTROL PIN START CODE



HIGH QUALITY COMPONENTS

DIVERTO BELIEVES THAT OUR MACHINE SOLUTIONS SHOULD BE BUILT CLOSE TO OUR CUSTOMERS USING THE MOST STATE-OF-THE-ART MANUFACTURING METHODS.

DIVERTO QS 100 machines are assembled at the VDL Steelweld facility in Breda, The Netherlands. A company known for building Automatic Guided Vehicles for containers and complete robotic assembly lines for BMW, Jaguar, Land Rover and Volvo. The in-house certificates, procedures and specialisations are all used to guarantee that a DIVERTO is quality build in Europe.



PATENTED

WORK
HARD
AND SMART



HYDRAULIC POWER

Both axes 100% Differential Lock

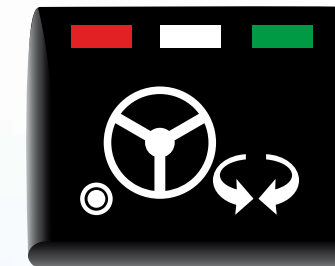
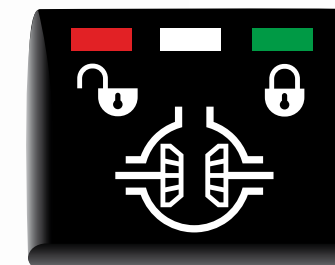
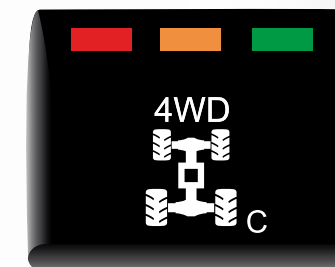
Front or Rear Wheel Steering: Reverse Steering

Hydrostatic Drive: Closed Centre Full Proportional

- a. Work Drive Mode
- b. Transport Drive Mode
- c. Economic Drive Mode

MAIN WORK PUMP AND VALVES
Flow Sharing and Load Sensing.

PTO PUMP AND MOTOR
2-Speed 540 & 1000 RPM PTO,
Open Centre Hydraulics



1. 2-Wheel & 4-Wheel Drive
2. Differential Lock
3. Reverse Steering

DIVERTO QS 100 is designed for real off-road work. After running 2-Wheel Drive saving fuel on-road, you can select the 4-Wheel Drive mode for tougher terrain. Switch on the 100% differential lock for maximum traction. When driving in the direction of the 3-point hitch, the steering characteristics adjust preserving all comfort. Simply press Reverse Steering. **PATENTED**

Superior visibility to 3-Point Hitch and PTO during operation and for connecting tools

PATENTED



Top Linkage

Outside controls of the 3-point hitch **PATENTED**

Up to 3 x Proportional Hydraulic Auxiliary flow functions, each max 40 l/min at 200 bar

3-Point Hitch Category II with 2,5 ton lift capacity: Lift, Push and Float function

PATENTED

Scharmuller towing block, up to 5-tonnes

Air Brake, Hydraulic Brake, Electric 12V 7-pin and 3-pin connectors

PTO 65 HP/48 kW at 540 & 1000 RPM

PATENTED

TRACTOR





EXCAVATOR

Articulated 3-Piece Excavator Boom, DIVERTO Standard

Pilot is positioned right in the centre of the slew rotation and in the middle of the machine platform

Prop Aux. Flow 2 and Aux. Flow 3 both max 40 l/min at 240 bar

Proportional Auxiliary Flow 1: Max 120L/min at 240 bar at 2.000 Engine RPM

Exceptionally good view from Pilot Seat straight to excavator attachment. 3 x

PATENTED

481 Nm Engine Torque ensures fluent and comfortable digging cycles

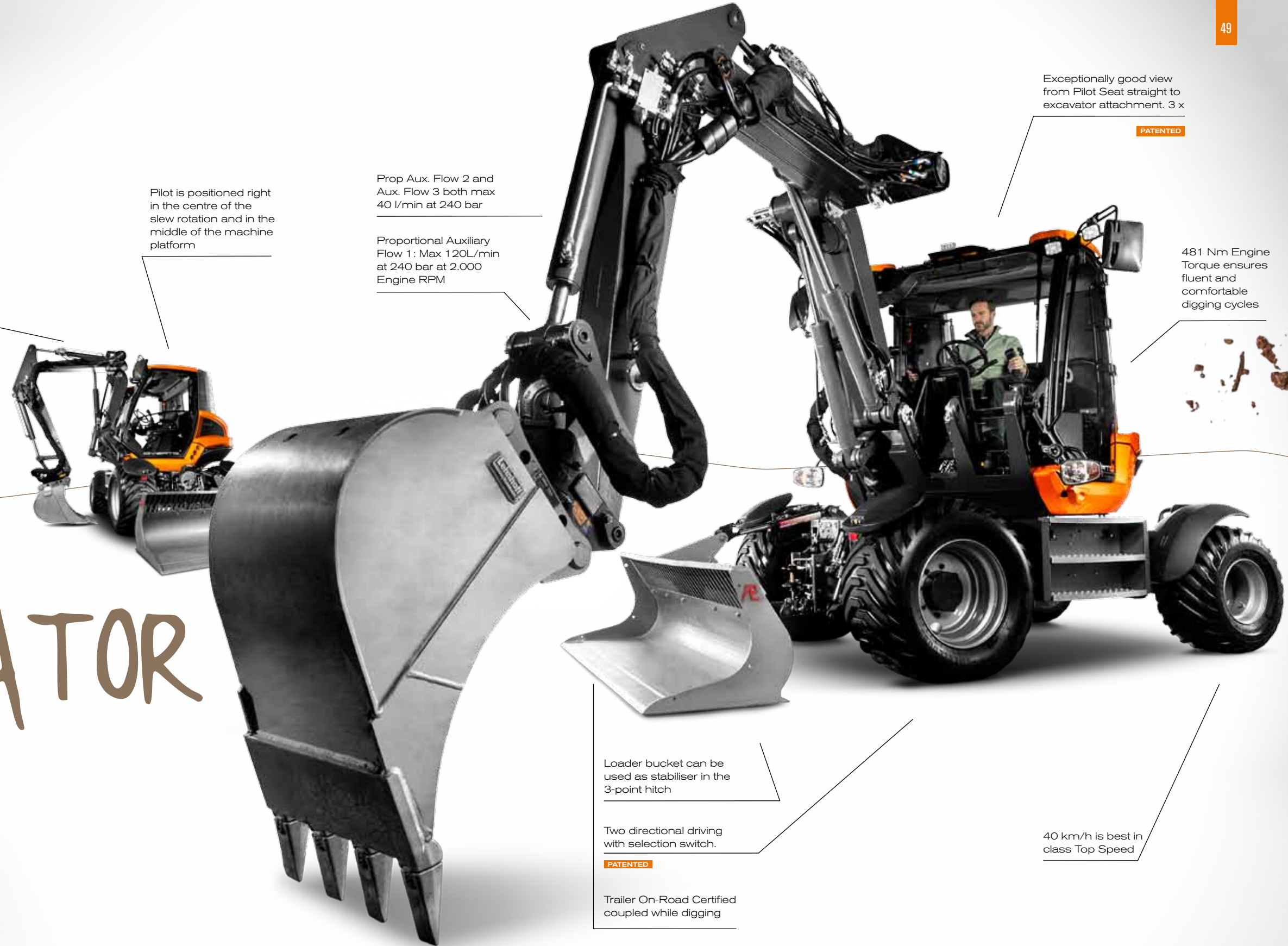
Loader bucket can be used as stabiliser in the 3-point hitch

Two directional driving with selection switch.

PATENTED

Trailer On-Road Certified coupled while digging

40 km/h is best in class Top Speed



WHEEL LOADER



Central Pilot Seat
visibility and certified
passenger space

Loader frame can be
rotated 360°

PATENTED

Prop Aux. Flow 2 and Aux. Flow
3 both max 40 l/min at 240 bar

Proportional Auxiliary Flow
1: Max 120L/min at 240
bar at 2.000 Engine RPM

All heavy technical
components in rear,
opposite of the 360°
lifting load

Smaller wheels for Fork
Lift Steering in Reverse
Steering Mode

PATENTED

Parallel Lift function with
selection switch

40 kN 4 x 4
Traction Force

40 km/h best in class
Top Speed. On-Road
and Trailer Certified



BOOM MOWER

Superior view to Boom Mower and 3-Point Hitch Tool.

PATENTED

40 km/h On-Road Certified Top Speed with trailer coupled while mowing

115 HP/86 kW with 481 Nm Engine Torque ensures professional mowing efficiency

All heavy technical components in rear, opposite of the 360° lifting load. Results in low total mass and more efficient fuel use per meter.

Proportional Auxiliary Flow 1: 120 l/min at 240 bar at 2.000 Engine RPM

Prop Aux. Flow 2 and Aux. Flow 3 both max 40 l/min at 240 bar

Proportional Boom Float for adjustable mower pressure

Cruise Control on Hydrostatic drive for constant mowing/ground speed

3-Point Hitch / PTO attachment always available at Net 65 HP/48 kW.

PATENTED

2-Directional Driving with "Reverse Steering" switch. Provides more efficient manoeuvring.

PATENTED



SUPERIOR SERVICE

DIVERTO designed and engineered the QS 100 platform from the ground-up.

Maintenance access, -speed and -comfort were set as priorities. Along the way we developed innovative solutions and patented them. Meaning that in any of the 4 operating modes you simply tilt the hood for easy daily checks and fill-ups. For secondary maintenance, you can remove the side skirts. And for reaching all components, the cabin can be tilted with the hand pump and the counter-cover removed by just 6 bolts.

An incredible compact machine with exceptional Tier 4 Power and very well serviceable.



Cap Tilting 48° in both loader - and excavator mode.

PATENTED

Engine Hood Tilting with 2 m vertical clearance also possible while 3-Point Hitch Tool is coupled.

PATENTED

Counter Cover can be easily removed for exceptional access to engine and hydraulics.

PATENTED

Hand Pump on left side for 2-cylinder cabin tilt takes just 2 minutes including safety pins

Left and right side covers can be easily removed for Cabin Filter and Electronics

Left side service access for Diesel, Engine Oil Check, Cooling Fluid, Battery and Air Filter

COMFORT CLASS LEVELS

Remote control



Diesel pre-heating of cabine and engine



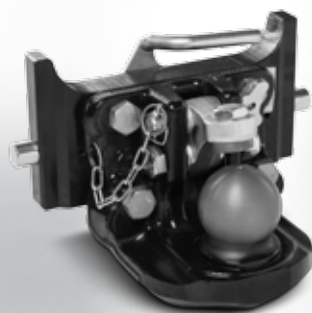
Air compressor



50 mm Ball coupler



80 mm Ball coupler



Clevis coupler



Pitonfix



THE DIVERTO QS 100 IS BEING PRODUCED IN THREE VERSIONS, NAMELY THE REV, PRO AND MAX. ALL THREE HAVE THE SAME ENGINE CAPACITY, HYDRAULIC POWER AND FUNCTIONAL CAPABILITIES. THE REV, PRO AND MAX GENERALLY DIFFER IN COMFORT CLASS.

The REV version is the very extensive well equipped base model with an open cabin. The PRO version includes a third auxiliary 40 L/min boom flow, boom and bucket float damping, boom float proportional control, reverse steering, 2 rear auxiliary flows of 40L/min 200 bar each, heating and air-conditioning system, outside work lights and radio. The MAX has extra features such as the remote control unit, GPS system, rear view camera, diesel pre-heating of cabin and engine, second 12V battery and a third rear auxiliary flow of 40L/min.

THE DIVERTO QS 100 IS A POWERFUL MACHINE, BUT ONLY HAS AN OPERATING WEIGHT OF 6.2 TONS. NONETHELESS THE MACHINE CAN BE EQUIPPED WITH EITHER TWO OF THE FOLLOWING TYRES:

The Trelleborg TWIN 404 flotation tyres are used for softer underground. Therefore ideal for landscaping, golf courses and parks

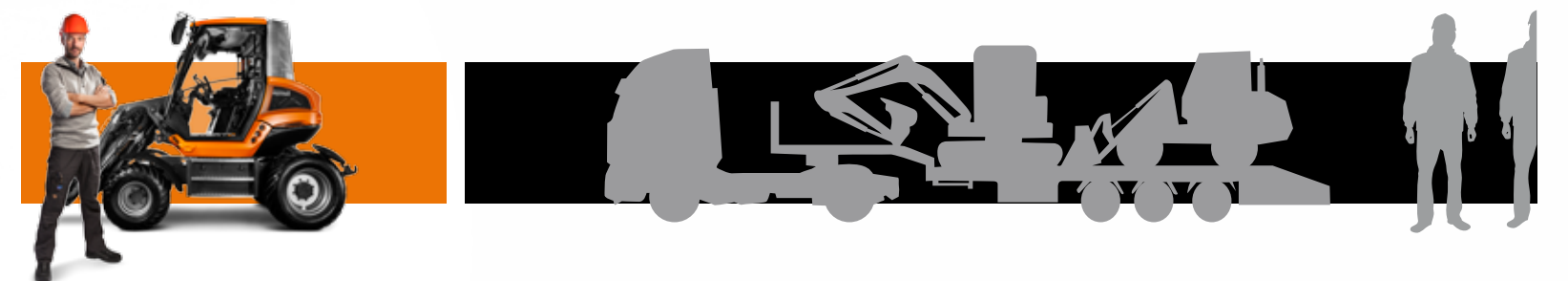
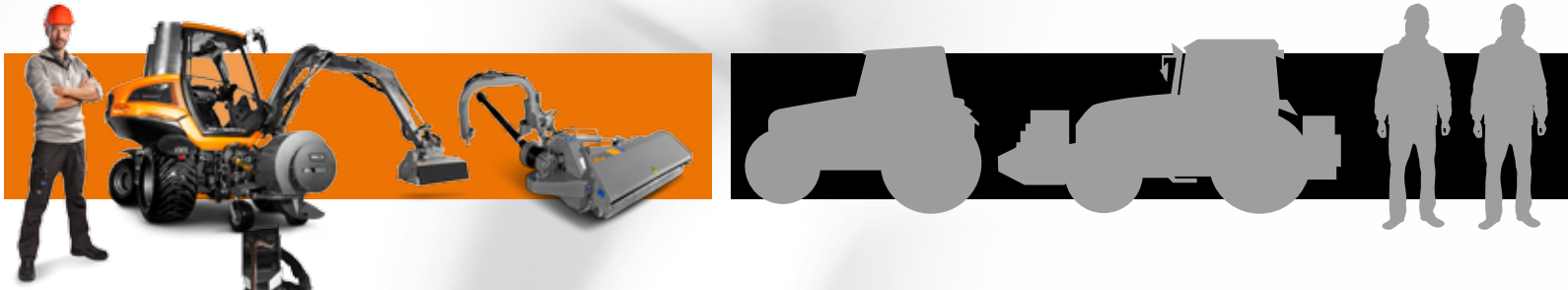
The HBI GSP+ all-road tyres are especially designed for industry work with areas that have a more rugged terrain.

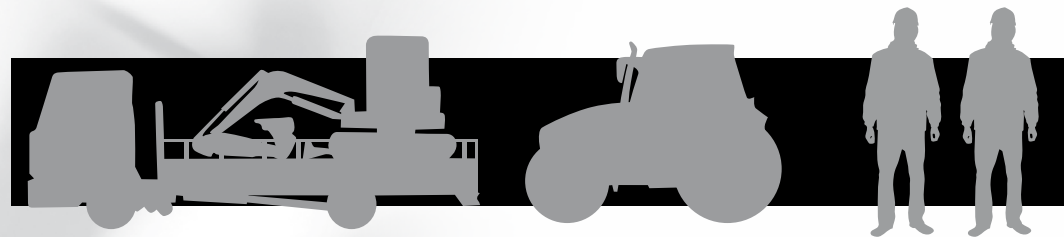
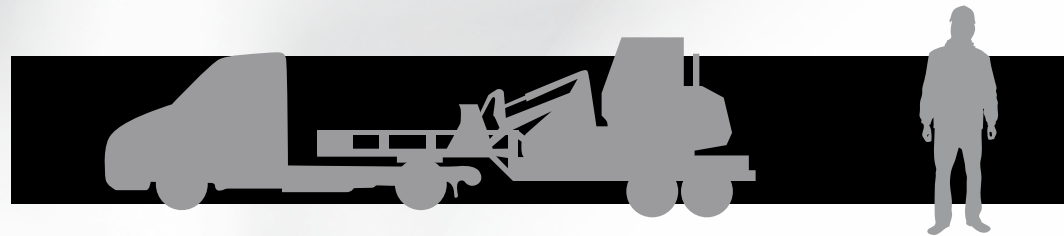


EFFICIENCY

IT'S WITHIN THE DIVERTO'S PHILOSOPHY TO FIND THE RIGHT SOLUTION FOR HARD WORKING IN STYLE, BUT WHILE YOU ARE AT IT, IMPROVE FOR BETTER COST EFFICIENCY. CONSIDER THE FOLLOWING SITUATIONS BELOW, AND THINK FOR YOURSELF HOW YOUR RESOURCES ARE RESULTING IN OUTPUT.







PLANNING OVERHEAD



STORAGE COST



MAINTENANCE TIME



The cost savings that can be made are not only directly related to the operational use of equipment, the personnel, and the maintenance. Consider savings on the use of all resources. Less fuel is used due to fewer transportation movements. And of course in the building of equipment – the DIVERTO way – materials and manufacturing energy are also reduced. All these savings on resources and continuous optimisations, is within the DIVERTO's DNA: be provident with our planet earth.

FINANCE

DIVERTO IS PROUD TO ANNOUNCE A CORPORATION WITH DE LAGE LANDEN FINANCIAL SERVICE (DLL). DLL BEING A SUBSIDIARY OF THE RABOBANK GROEP, IS AN INTERNATIONAL SUPPLIER OF ASSET FINANCING, VENDOR LEASING AND OTHER COMMERCIAL FINANCE PRODUCTS. DLL IS LOCATED IN OVER 35 COUNTRIES WORLDWIDE.

THE ADVANTAGES OF LEASING A DIVERTO QS 100:

- NO direct big cash out
- Assurance of equal spread costs, avoiding big unforeseen cost fluctuations
- In certain situation leasing could have fiscal advantages. Please check this with your accountant.
- Replacements of machinery is made more easy, your future demands can better be met.
These kind of arrangements are always custom made, such as exchanges or up-grades.
- The decision making of approving to lease a DIVERTO QS 100 can often be made at a lower level within your organization.

Please contact your DIVERTO dealer to explore the options for leasing your own DIVERTO QS 100.

de lage landen 

SPECIFICATIONS

NOTE: All rights are reserved to DIVERTO TECHNOLOGIES BV. All research is done by DIVERTO. All statements are expressed under the strict supervision of DIVERTO. If any of the statements should be false or incorrect, DIVERTO might consider altering these. All claims and statements made by DIVERTO are not legally bound by DIVERTO and are subject to change. No legal obligations can be derived from this document.

GENERAL				GENERAL				GENERAL				EXCAVATOR				
category	specification	Units	QS 100	category	specification	Units	QS 100	category	specification	Units	QS 100	category	specification	Units	QS 100	
					Width [total]	mm	2145		Full glass doors		1000%	Digging / Craning Geometry	Digging / Cutting height	mm	5300	
Engine	Engine mfg.		John Deere PowerTech 4045HFC92		Width [transport]	mm	2145		Width Doors Entrance Level	mm	110		Dump height	mm	3740	
	Cylinders	nr	4		Length [total]	mm	4510		Door LEFT		100%		Horizontal digging reach ground	mm	5800	
	Valves / Cylinder	nr	4		Length [transport]	mm	4420		Door RIGHT		100%		Digging dept	mm	3200	
	Balancer Shaft		yes		Height [total]	mm	2755		Width Front Wind Shield		100%	Capacities	Crowd force dipperstick	Kn	22	
	Volume	L	4,5		Heigt [transport]	mm	2755		Heater (Stepless)		100%		Bucket digging froce	Kn	41	
	RPM (max)		2200		Cabin width internal	mm	1530		Heater power	kW			Lift Cap Dozer Blade down 2m Heigh & 3m Out - FRONT	Kg		
	Gross Engine power	kW	86		Cabin height internal	mm	1445		Air Conditioning (Stepless)		100%		Lift Cap Dozer Blade down 2m Heigh & 3m Out - REAR/SIDE	Kg		
	Gross torque	Nm	374		Fuel Tank Capacity	L	150		Air Cond. Power	kW			Lift Cap Dozer Blade down ground & 3m Out - FRONT	Kg		
	Fuel consumption	g/kwh / RPM	219		Hydrauliek Tank Capacity	L	130		Safety	ROPS	Cat.	100%	Lift Cap Dozer Blade down ground & 3m Out - REAR/SIDE	Kg		
	Diesel Pre-Heat (Engine/Cab)		yes		Hydraulic System pressure	bar	250			FOPS	Cat.	100%	Lift Cap Dozer Blade down ground & 5m Out - FRONT	Kg		
Drive	Propulsion type		Hydraustatic 4WD		First Auxilary Flow	L/min	120		Extra's	Full collor display		100%	Lift Cap Dozer Blade down ground & 5m Out - REAR/SIDE	Kg		
	Automotive drive		100%		Second Aux.flow rate	L/min	40			Remote control		100%	Lift Cap Dozer Blade up 2m Heigh & 3m Out - FRONT	Kg		
	Gears		2		Third Aux. Flow rate	L/min	40			Rear camera		100%	Lift Cap Dozer Blade up 2m Heigh & 3m Out - REAR/SIDE	Kg		
	Top speed (1st)	Km/h	14		Max oil flow (work)	L/min	120			Radio		100%	Lift Cap Dozer Blade up ground & 3m Out - FRONT	Kg		
	Top speed (2th)	Km/h	40	Cabin	Sunvisor		100%			Navigation		100%	Lift Cap Dozer Blade up ground & 3m Out - REAR/SIDE	Kg		
	Traction force Max Low Speed	Kn	39		Storage box		100%			2-way driving Cabin		100%	Lift Cap Dozer Blade up ground & 5m Out - FRONT	Kg		
	Steering angle	degrees	40		Windscreen wiper (front/rear)		100%			Function priority selection		100%	Lift Cap Dozer Blade up ground & 5m Out - REAR/SIDE	Kg		
	Turn radius	mm	5150		Windscreen washer (front/rear)		100%			Ball hitch		100%	Boomfloatation		Yes	
	Angle of oscillation Total	degrees	13		Openable window		100%			Towing hitch (On-road Homologated)		100%	Bucketfloatation		Yes	
Electrics	System voltage	V	12	Ergonomics	Air suspended seat		100%			Air Compressor / Tank		100%	Adjustable boom floatation		Yes	
	Alternator ampere	Amp	200		Extra seat in cabin		100%			Air brake for trailer		100%	Dozer blade floatation		Yes	
Dimensions /	Operating Weihjt	Kg	6295		Central seat position		100%			Hydraulic Brake for Trailer		100%	Swing	Swing speed	RPM	9
Dimensions / capacities	Ground pressure	kPa			Cabin noise [dB]	dB(A)	70			Quick Coupler prepared (Aux Flow Integrated)		100%		Swing lock Switch Controlled		Yes
					Outside noise	dB(A)	90							Swing torque	kNm	
					Adjustabke steering column		100%							Tail over	mm	400

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