

TWO-WHEEL TRACTORS

PowerSafe®



languagi





UNIQUE

SEVERAL ADVANTAGES MAKE THE BCS TWO-WHEEL TRACTORS POWERSAFE® EXCLUSIVE

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PARKING BRAKE

as standard on all models.

DIFFERENTIAL WITH LOCK

to change the forwarding direction.

QUICK REVERSER

for improved traction and manoeuvrability.

DRIVER'S POSITION

with handlebars, adjustable in height and sideways and reversible 180°, mounted on silent blocks to dampen vibrations.

THE GEARS

run in oil bath, which guarantees long life and reliability.

QUICK HITCHES

as optional for the replacement of the attachments without using any wrench.



INDEPENDENT POWER TAKE-OFF

with maintenance-free coupling in oil bath.

PROFESSIONAL ENGINES

featuring a high torque reserve assure they hold up even under the most difficult conditions and during prolonged use.

POWERSAFE® HYDRAULIC CLUTCH

with multiple discs in oil bath.



PowerSafe®

THE POWERSAFE® CLUTCH WITH MULTIPLE STEEL DISCS IN OIL BATH AND DIRECTLY FLANGED TO THE ENGINE, PATENTED AND EXCLUSIVE TO THE BCS GROUP, GUARANTEES A NUMBER OF BENEFITS FOR THE OPERATOR, IN ADDITION TO MAKE BCS TWO-WHEEL TRACTORS CONFORMING TO THE SAFETY REGULATIONS EN 709/A4.





RELIABLE





SAFETY

Immediate machine and attachment shutdown if the handlebar is released. However, the engine continues to run.

Dual desmodromic system to prevent work from being resumed accidentally.



RELIABILITY

Maintenance-free hydraulic clutch.

Practically unlimited duration even if stressed with alternating movement attachments or with high inertia.



PERFORMANCE

No overheating even if stressed for a long time.

No drop in performance at any operating temperature.



COMFORT

Gentle and progressive engagement of the clutch lever, as well as minimal force required to keep the safety lever pressed.

Elimination of preliminary action for engine start-up.



WARRANTY

Extended to 5 years on the entire PowerSafe® clutch unit.

RANGE

5 MODELS, AVAILABLE WITH GASOLINE OR DIESEL ENGINE, WITH RECOIL OR ELECTRIC STARTER, FOR A TOTAL OF 26 DIFFERENT VERSIONS, EACH OF WHICH DESIGNED AND BUILT TO SATISFY THE PRECISE REQUIREMENTS OF OUR CUSTOMERS. ALL THE BCS TWO-WHEEL TRACTORS POWERSAFE® ARE FITTED WITH REVERSIBLE HANDLEBARS TO BE USED WITH BOTH FRONT AND REAR ATTACHMENTS.

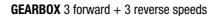












QUICK REVERSER to change the forwarding direction

POWERSAFE® CLUTCH with multiple discs in oil bath

INDEPENDENT POWER TAKE-OFF with engagement in oil bath

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways and reversible

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: rotary hoe, ridger, plough,

Groundblaster, cutter bar, lawn mower, BladeRunner, snow blade and turbine snow thrower, sweeper.

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 4.0-10



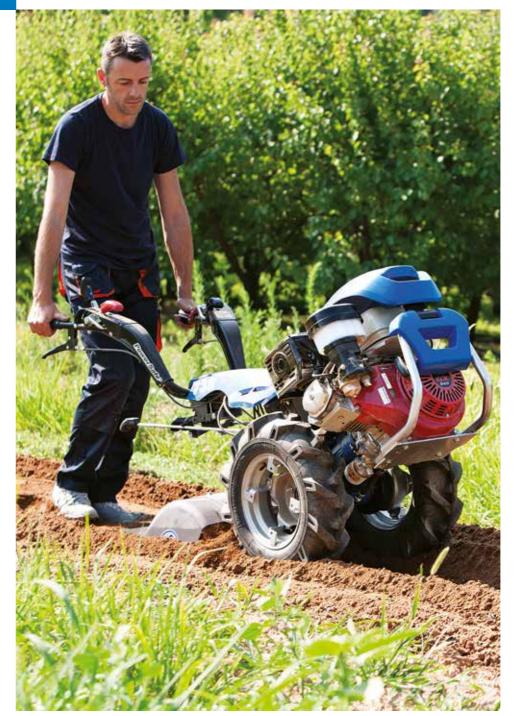












Engine	Fuel	Starter	Power kW/HP
HONDA GX270	Gasoline	Recoil or electric	6,3 / 8,4
HONDA GX340	Gasoline	Recoil	8 / 10,7
BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9,5
KOHLER KD350	Diesel	Recoil or electric	5,5 / 7,5

738

GEARBOX 3 forward + 3 reverse speeds

QUICK REVERSER to change the forwarding

DIFFERENTIAL with lock

POWERSAFE® CLUTCH with multiple discs in

INDEPENDENT POWER TAKE-OFF with engagement in oil bath

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways and reversible

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE

MOUNTED: rotary hoe, ridger, plough, Groundblaster, cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0-10







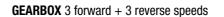












QUICK REVERSER to change the forwarding

DIFFERENTIAL with lock

POWERSAFE® CLUTCH with multiple discs in

INDEPENDENT POWER TAKE-OFF with engagement in oil bath

INDEPENDENT WORKING BRAKES on the two wheels

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways and reversible

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE

MOUNTED: rotary hoe, ridger, plough, Groundblaster, cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0-10

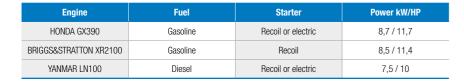














Engine	Fuel	Starter	Power kW/HP
HONDA GX390	Gasoline	Recoil	8,7 / 11,7
KOHLER KD440	Diesel	Recoil or electric	8 / 10,9
LOMBARDINI 3LD510	Diesel	Recoil or electric	9 / 12,2



GEARBOX 3 forward + 3 reverse speeds

QUICK REVERSER to change the forwarding direction

DIFFERENTIAL with lock

POWERSAFE® CLUTCH with multiple discs in oil bath

REINFORCED, INDEPENDENT POWER TAKE-OFF with engagement in oil bath

REDUCTION UNITS on the wheels

INDEPENDENT WORKING BRAKES on the two wheels

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways and reversible

IMPLEMENT QUICK HITCH

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE

MOUNTED: rotary hoe, ridger, plough, lawn mower, heavy duty mower, BladeRunner, RollerBlade, sweeper.

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 6.5/80-12













770HY

HYDROSTATIC TRANSMISSION with 2-speed ranges (slow/fast) in both forward and reverse drive

DIFFERENTIAL with lock

POWERSAFE® CLUTCH with multiple discs in oil bath

INDEPENDENT POWER TAKE-OFF with engagement in oil bath

INDEPENDENT WORKING BRAKES on the two wheels with cast iron drums

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways and reversible

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: rotary hoe, ridger, plough, Groundblaster, cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0-10











from 0 to 6.4 TWO-WHEEL TRACTOR WITH HYDROSTATIC FORWARD MOTION TRANSMISSION THAT CAN BE CONTINUOUSLY ADJUSTED WITH 2-SPEED RANGES.

WITH ONE LEVER ONLY ON THE HANDLEBAR, THE OPERATOR CAN CONTINUOUSLY VARY THE SPEED AND DIRECTION OF THE MACHINE: THIS MEANS AN UNLIMITED AMOUNT OF GEARS ARE AVAILABLE FOR ALL OPERATING REQUIREMENTS.

THE LEVER CONTROL ENSURES HIGH OPERATION COMFORT ESPECIALLY DURING GREENS MAINTENANCE, SNOW REMOVAL AND TYPICAL MUNICIPALITY USE, WHICH INVOLVES MANY DIRECTION CHANGES.

THE COMPACT HYDROSTATIC PUMP-ENGINE UNIT IS MADE OF LIGHT ALLOY SO THAT THE MACHINE CAN BE EASILY MANOEUVRED AND POSITIONED ON THE GEARBOX. CHARACTERISED BY A HIGH PRESSURE CIRCUIT WHICH IS SEPARATE FROM THE ONE OF THE POWERSAFE® CLUTCH, THE MACHINE IS FITTED WITH AN AXIAL-CENTRIFUGAL FAN TO COOL THE HYDROSTATIC UNIT.



ATTACHMENTS

BCS TWO-WHEEL TRACTORS POWERSAFE® CAN BE USED FOR DIFFERENT JOBS, AS WELL AS FOR CLASSIC TILLING. THE REVERSIBILITY OF THE HANDLEBARS, COMBINED WITH THE CORRECT RATIO BETWEEN THE FORWARD SPEEDS AND THE INDEPENDENT POWER TAKE-OFF SPEED, ENABLES ALL THE MODELS TO BE USED IN AN EXTREMELY PRACTICAL WAY WITH BOTH FRONT AND REAR ATTACHMENTS.

THE WIDE RANGE OF PROFESSIONAL AND GENUINE ATTACHMENTS MAKES BCS TWO-WHEEL TRACTORS POWERSAFE® INDISPENSABLE TOOLS FOR ALL SEASONS.



BCS

ROTARY HOE



SE

Soil working equipment in preparation for seeding, burial of plant residues, elimination of weeds, inter-row weeding for horticulture and floriculture.

AVAILABLE VERSIONS

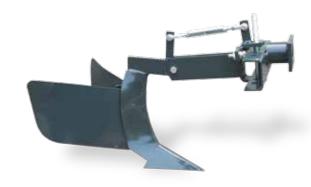
Working width: 46 - 52 - 66 - 80 - 85 cm.

TECHNICAL FEATURES

- Minimum power required:*: 3,5 kW (46 cm) 4,5 kW (52 cm) 5,5 kW (66 cm) 7,5 kW (80 cm) 8 kW (85 cm)
- Transmission with gears in oil bath
- Adjustable working depth (not available for 46-cm model)
- The tilling width can be adjusted by changing the numbers of knives and the width of the cover (not available for 46-cm model)
- Safety guard for operator's safety
- Optional: travel wheel, adjustable ridger (behind rotary hoe)

* data are approximate and refer to standard working conditions

RIDGER



USE

Equipment to create a furrow in the previously tilled soil, to open small drainage ditches and to reinforce row crops.

AVAILABLE VERSIONS

Adjustable ridger - Adjustable ridger behind rotary hoe.

TECHNICAL FEATURES

- Ridge depth adjustable by opening the mouldboards
- Max. width of the ridge: 385 mm (adjustable ridger) 590 mm (adjustable ridger behind rotary hoe)
- Adjustable cutting angle of the single plough (only for adjustable ridger)
- Adjustable cutting depth of the plough (only for adjustable ridger)

PLOUGH



USE

Equipment to overturn and fragment the soil in preparation for further workings or directly for seeding. When overturning the soil, any weeds or previous crops are buried, speeding their decomposition.

AVAILABLE VERSIONS

Single-plough - 180° swivel plough.

TECHNICAL FEATURES

- Working width: 20 cm
- Adjustable ploughshare penetration depth
- Adjustable height of the knife
- Adjustable working angle

GROUNDBLASTER



USE

Equipment for soil preparation for seeding, combining plough and rotary hoe in one single passage, elimination of weeds and tillage of small cultivation areas, creation of furrows, by performing multiple passages.

TECHNICAL FEATURES

- Working width: 25 cm
- Minimum power required*: 6,3 kW
- Transmission with gears in oil bath
- Round safety guard for operator's safety
- Adjustable working depth by mean of a the support wheel
- Side sheet panel supplied to have ridge-free cultivation and to prevent any dropping of the soil onto the nearby fields
- Optional: 5-kg each overlapping weights

For more information, dimensions and weights please visit www.bcsagri.it

^{*} data are approximate and refer to standard working conditions

BCS

RIDGE 2



HCE

Equipment for inter-row crops ridging and for clearing weeds from the soil, improving its permeability.

AVAILABLE VERSIONS

Standard Ridge 2 - Ridge 2 with extensions.

TECHNICAL FEATURES

- Plant inter-row spacing: 90 cm (standard) 130 cm (with extensions)
- Minimum power required*: 5,5 kW
- Transmission with gears in oil bath
- Adjustable working depth by mean of the front wheel
- Adjustable working width by mean of the upper wings
- Optional: pair of extensions, 30-kg weight



* data are approximate and refer to standard working conditions

CUTTER BAR



USE

Equipment for cutting grass and forage without collection.

AVAILABLE VERSIONS

Laser® cutter bar - Cutter bar with middle cut fingers - Duplex cutter bar - Dual Laser® Elasto cutter bar.

Transmission in oil bath - Transmission in oil bath with double movement.

TECHNICAL FEATURES

- Cutting widths from 80 to 210 cm
- Skids for adjustment of the cutting height
- Full thickness screws in the molded and tempered steel blade support
- Blade coupling with reinforced tempered steel connection
- Self-adjusting blade-holders (for Duplex and Dual Laser® Elasto only)
- Optional: 12-kg weight

LAWN MOWER



USE

Grass cutting with collection in green areas, private and public parks, gardens and sports grounds.

AVAILABLE VERSIONS

56 cm single-blade - 100 cm with two blades.

TECHNICAL FEATURES

- Cutting width: 56 cm (single-blade) 100 cm (with two blades)
- Minimum power required*: 3,6 kW (56-cm lawn mower) 7,5 kW (100-cm lawn mower)
- Transmission with gears in oil bath
- Anti-dragging free wheel (for 100-cm lawn mower only) and automatic blade brake, according to the EN 12733 regulation
- Pivoting blades (for 100-cm lawn mower only)
- Adjustable front wheels for the horizontal adjustment of the cutting unit (for 100-cm lawn mower only)
- Adjustable cutting height (for 100-cm lawn mower only)
- Grass catcher: capacity 60 I (56-cm lawn mower) 160 I (100-cm lawn mower)

HEAVY DUTY MOWER



USF

Cutting and shredding of grass, bushes on green areas, rough grounds, undergrowth, uncultivated or industrial areas with discharge on the ground.

TECHNICAL FEATURES

- Single-blade heavy duty mower
- Cutting width: 80 cm
- Minimum power required*: 7 kW
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Transmission with gears in oil bath
- Swinging axle
- Front and adjustable pivoting wheels for the horizontal adjustment of the cutting unit
- Adjustable cutting height

* data are approximate and refer to standard working conditions

^{*} data are approximate and refer to standard working conditions

BCS

BLADERUNNER



USF

Implement to eliminate pruning residues or to control inter-rows weeds, heavy duty maintenance and clean-up from brambles, bushes and underbrush of uncultivated lands, forest undergrowth and rural parks.

AVAILABLE VERSIONS

Cutting width: 60 - 75 - 90 - 110 cm.

TECHNICAL FEATURES

- Single-rotor heavy duty mower with mobile Y-blades
- Minimum power required*: 5 kW (60 cm) 6 kW (75 cm) 7,5 kW (90 cm) 9,5 kW (110 cm)
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Main transmission with gears in oil bath and lateral transmission with belts
- Mobile front opening with canvas and protection bar
- Front pivoting wheels: they can be locked when working on slopes (for 90 and 110 cm models only)
- Adjustable cutting height
- Optional: lawn mowing blade kit, rear anti-scalp roller, 14-kg weight

* data are approximate and refer to standard working conditions

ROLLERBLADE



USE

Implement to eliminate pruning residues or to control inter-rows weeds, heavy duty maintenance and clean-up from brambles, bushes and underbrush of uncultivated lands, forest undergrowth and rural parks also on slopes.

AVAILABLE VERSIONS

Cutting width: 75 - 90 cm.

TECHNICAL FEATURES

- Single-rotor heavy duty mower with mobile Y-blades
- Minimum power required*: 6 kW (75 cm) 7,5 kW (90 cm)
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Main transmission with gears in oil bath and lateral transmission with belts
- Front opening protected by mobile steel flaps
- Standard rear anti-scalp roller
- Adjustable cutting height
- Optional: lawn mowing blade kit

* data are approximate and refer to standard working conditions

SNOW BLADE



USE

Snow removal from any surface, gravel or sand handling.

Snow removal from driveways, pavements and parking lots with collection and throw of dry, wet or frozen snow.

TURBINE SNOW

THROWER

AVAILABLE VERSIONS

Working width: 60 - 70 cm.

TECHNICAL FEATURES

- Working width: 100 cm
- Steel structure
- Curved shape to facilitate the rolling of the snow
- Sideways adjustable, directly from the operator's seat
- Adjustable height above the ground
- Optional: 9-kg weight

TECHNICAL FEATURES

- Minimum power required*: 6,3 kW
- Transmission with gears in oil bath and cast iron housing
- Duct made of stainless steel and pivoting by 180° directly from the operator's seat
- Adjustable skids to set the ground clearance
- Safety pins to prevent damage to the impellers in case of impact
- Optional: balancing weight

* data are approximate and refer to standard working conditions



SWEEPER

WHEELS



USE

Snow removal and cleaning of driveways, pavements, parking lots or barns.

AVAILABLE VERSIONS

Working width: 80 - 100 cm.

TECHNICAL FEATURES

- Minimum power required*: 6,3 kW
- Transmission with gears in oil bath and cast iron housing
- Brush: nylon or nylon and steel (for 100-cm model only)
- Sideways adjustable, directly from the operator's seat
- Adjustable cleaning height

USE

Pneumatic or metal wheels with different profiles for various types of applications in agriculture, greens maintenance or haymaking.

AVAILABLE VERSIONS

With profil: Tractor - Lug Tyre - Terra Tyre - Garden - Steel cage.

TECHNICAL FEATURES

- Steel cage: agricultural use on very hard grounds. The crosspieces penetrate further into the ground, preventing the wheels from slipping
- Terra Tyre: used for greens maintenance and haymaking. The widened profile allows greater flotation and minimum soil compaction
- Lug Tyre: agricultural use. The clawed profile allows a good grip but with less soil compaction
- Garden: used for greens maintenance on quality surfaces. The low compaction profile protects the lawn
- Tractor: agricultural use. The clawed profile also allows a good grip on hard and soft grounds

POWERLUBE LUBRICANTS



USE

The original PowerLube lubricants are the only ones that guarantee both the hydraulic and mechanical components of the BCS two-wheel tractors PowerSafe® function properly and, at the same time, ensuring their perfect efficiency over time.

AVAILABLE VERSIONS

Hydromechanical transmission lubricant - Hydrostatic transmission and engine lubricant.

TECHNICAL FEATURES

- High quality synthetic bases and raw materials
- Formulated specifically for BCS two-wheel tractors



^{*} data are approximate and refer to standard working conditions



TECHNICAL FEATURES

	Engine	Fuel	Starter	Power kW/HP	Gearbox	Speeds FWD/REV	Quick reverser	Clutch	Brakes	Differential	PT0	Handlebars	Wheels	Safety devices
728 PowerSafe®	HONDA GP160	Gasoline	Recoil	3,6 / 4,8	With gears and worm screw in oil bath	3+3	Yes	PowerSafe®, hydraulic with manual control	Parking brake	No	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	4.00-8 4.0-10 6.5/80-12 Steel cage wheels Ø 43 cm	In compliance with the EN 709/A4 regulation
	HONDA GX200	Gasoline	Recoil	4,1 / 5,5										
	HONDA GX270	Gasoline	Recoil	6,3 / 8,4										
	BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9,5										
	KOHLER KD350	Diesel	Recoil	5,5 / 7,5										
738 PowerSafe*	HONDA GX270	Gasoline	Recoil or electric	6,3 / 8,4		3+3	Yes	PowerSafe®, hydraulic with manual control	Parking brake on the two wheels	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	5.0-10 6.5/80-12 Steel cage wheels Ø 43 cm	In compliance with the EN 709/A4 regulation
	HONDA GX340	Gasoline	Recoil	8 / 10,7	With gears and worm screw in oil bath									
	BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9,5										
	KOHLER KD350	Diesel	Recoil or electric	5,5 / 7,5										
740 PowerSafe*	HONDA GX390	Gasoline	Recoil or electric	8,7 / 11,7		3 + 3	Yes	PowerSafe®, hydraulic with manual control	Independent work brake on the two wheels and parking brake	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	5.0-10 6.5/80-12 Steel cage wheels Ø 49 cm	In compliance with the EN 709/A4 regulation
	BRIGGS&STRATTON XR2100	Gasoline	Recoil	8,5 / 11,4	With gears and worm screw in oil bath									
	YANMAR LN100	Diesel	Recoil or electric	7,5 / 10										
750 PowerSafe®	HONDA GX390	Gasoline	Recoil	8,7 / 11,7	With gears and worm screw in oil bath	3+3	Yes	PowerSafe®, hydraulic with manual control	Independent work brake on the two wheels and parking brake	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) or 825 rpm (with 3LD510 engine at 3000 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	6.5/80-12 Steel cage wheels Ø 58 cm	In compliance with the EN 709/A4 regulation
	KOHLER KD440	Diesel	Recoil or electric	8 / 10,9										
	LOMBARDINI 3LD510	Diesel	Recoil or electric	9 / 12,2										
770HY PowerSafe*	HONDA GX390	Gasoline	Recoil or electric	8,7 / 11,7	With gears and worm screw in oil bath	2-speed ranges (slow/fast) in both FWD and REV	By hydrostatic unit	PowerSafe®, hydraulic with manual control	Independent work brake on the two wheels and parking brake	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	5.0-10 6.5/80-12 Steel cage wheels Ø 49 cm	In compliance with the EN 709/A4 regulation
	BRIGGS&STRATTON XR2100	Gasoline	Recoil	8,5 / 11,4										
	YANMAR LN100	Diesel	Recoil or electric	7,5 / 10										

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SPARE PARTS

A complete range of original spare parts, guaranteed directly by the manufacturer.



ACCICTANCE

A team of specialists, well prepared and available to assure an efficient and resolving service.



WARRANTY

A precise certainty for the customer's satisfaction: 2-year warranty included in the price.



LUBRICANTS

We recommend to use the original PowerLube lubricants.



FINANCIAL SERVICES

Financial solutions to meet the credit requirements.



