

Engine-driven machines



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NEW



schliesing®

www.schliesing.com

schliesing Quality



Quality, safety and innovation: for more than 30 years we have been manufacturing high-quality wood chippers for professional uses in gardening and landscaping, for cities and communities, as well as for companies active in the fields of agriculture, forestry and tree care. All machines are produced at our company's registered office in Kempen on the Lower Rhine: 100% Made in Germany! Always true to our motto: **Made by professionals for professionals!**

PRECISION FOR PROFESSIONALS



- Best in quality, in design, manufacturing and service
- Selection of our suppliers based on the most stringent criteria
- Preservation of our know-how for the future by qualifying young people in our own factory
- Highest emphasis on work safety (e. g. SAFEchip and WhisperCut®)
- 100% Made in Germany

WHISPERCUT®



- Patented cutting system with V-shaped blade positions, proven in the field for many years
- Reduction of the sound pressure level by up to 30%
- Service life extension of the blades by up to 40%
- Safer, more uniform feeding characteristics as compared to conventional blade systems
- WhisperCut® optionally available for nearly all schliesing wood chipper models

PARTNERSHIP AND SERVICE



- European-wide dealer network for service, maintenance and repairs
- Frequent demonstrations of our machines as well as permanent training of our employees, dealers and suppliers
- Guaranteed spare parts' availability for a period of 10 years from date of purchase
- Prompt spare parts' delivery (standard parts ordered by 14:00 hours will be dispatched on the same day)
- Simple and optimised maintenance of the machines

LOW TOTAL COST OF OWNERSHIP



- Sturdy, high-quality machine design resulting in extremely little downtimes
- Long service life and intrinsic value of schliesing machines
- Simple, quick and safe replacement of blades and other wear parts
- Systems to reduce wear parts' consumption (blades in particular)
- Latest, optimised diesel engines

105 MX

 Wood diameters of up to 13 cm

 Feed width 200 mm

 Weight < 750 kg

 Feed hopper 865 x 720 mm

Driver's licence class B



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Low-priced entry-level model in proven **schliesing** quality
- Suitable for holders of driver's licence class B – class BE is not required
- Small, lightweight and highly maneuverable

ENGINE AND CHASSIS

- 3-cylinder Kubota diesel engine with 14.7 kW (20 hp)
- Water-cooled
- Industrial freewheel clutch, automatically engaging between the engine and the chipping disk
- Power Control System incl. minutes counter (optional)
- Single-axle chassis (80 km/h) - also available for 100 km/h
- Solid, walk-on sheet steel fenders
- Towing hitch with inertia brake and ball coupling
- Front jockey wheel and support leg at the rear
- Road lights in accordance with StVZO (shock-protected)
- TÜV expertise and ABE (general operation approval - D, NL, F)
- Pneumatic tires 165/70 R13

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Pivoting discharge chute with adjustable chip deflector (as per GS standard)
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional

CHIPPER UNIT

- Infinitely variable, hydraulic chip size adjustment (5 - 25 mm)
- 2-blade chipping disk with fully adjustable blades. Possibility to resharpen multiple times for a long service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvil, reversible for a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

HYDRAULIC FEED

- Separate hydraulic circuit
- Powerful feed rollers with hydraulic forced feeding and two separate oil motors
- Parallel-guided upper feed roller providing a uniform feeding (no wedging of the fed material)
- Optional: SAFEchip safety circuit

175 MX

 Wood diameters of up to 16 cm

 Feed width 240 mm

 Weight < 750 kg

 Feed hopper 865 x 720 mm

Driver's licence class B



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Proven **schliesing** quality, yet with a weight of less than 750 kg
- Suitable for driver's licence class B holders – no trailer licence required
- Small, lightweight, highly maneuverable and powerful for chipping wood diameters of up to 16 cm

ENGINE AND CHASSIS

- 3-cylinder Kubota diesel engine with 16.1 kW (22 hp)
- Water-cooled
- Industrial freewheel clutch, automatically engaging between the engine and the chipping disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant single-axle chassis (80 km/h) - also available for 100 km/h
- Towing hitch with inertia brake and ball coupling
- Front jockey wheel and support leg at the rear
- Road lights in accordance with StVZO (shock-protected)
- TÜV expertise and ABE (general operation approval - D, NL, F)
- Pneumatic tires 165/70 R13

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Pivoting discharge chute with adjustable chip deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional





CHIPPER UNIT

- Infinitely variable, hydraulic chip size adjustment (5 - 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be re-sharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvils and vertical blades can be used twice each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive yet uniform feeding of material while preventing the wood from lashing out to the left and right
- Parallel-guided upper feed roller providing a uniform feeding (no wedging of the fed material)
- Optional: SAFEchip safety circuit

200 MX

	Wood diameters of up to	16 cm
	Feed width	240 mm
	Weight	ca. 1,050 kg
	Feed hopper	950 x 825 mm

Sturdy and built to last!



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- **schliesing** quality for the most demanding jobs in wood diameters of up to 16 cm
- WhisperCut® option: low-noise and reduced operating costs
- Many further options available

ENGINE AND CHASSIS

- 3-cylinder Kubota diesel engine with 18.5 kW (25 hp)
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant single-axle chassis (80 km/h) – optionally available in a 100 km/h version
- Fixed, walk-on fenders made of sheet steel
- Towing hitch with inertia brake and ball-shaped coupling or DIN eye coupling (optional: towing hitch adjustable in height)
- Front jockey wheel and support leg at the rear
- Optional: hydraulic wheel drive
- Road lights in accordance with StVZO (shock-protected)
- TÜEV expertise and ABE (general operation approval - D, NL, F)
- Pneumatic tires 185/70 R13

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be re-sharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvils and vertical blades can be used twice each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Optional: SAFEchip safety circuit

235 MX

 Wood diameters of up to 19 cm

 Feed width 240 mm

 Weight ca. 1,250 kg

 Feed hopper 1,020 x 940 mm

Currently more than 1,000 machines in use



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Third generation of this model
- Professionally used for more than 20 years
- Universal, durable, reliable and optimised for maintenance
- WhisperCut® option: low-noise with reduced operating costs
- Many further options available

ENGINE AND CHASSIS

- 4-cylinder Kubota diesel engine with 25.7 kW (35 hp) – optimised for ease of maintenance thanks to its accessibility
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant single-axle chassis (80 km/h) – optionally available in a 100 km/h version
- Towing hitch with inertia brake and ball-shaped coupling or DIN eye coupling (optional: towing hitch adjustable in height)
- Optional: hydraulic wheel drive
- Front jockey wheel and support leg at the rear
- Road lights in accordance with StVZO (shock-protected)
- TÜEV expertise and ABE (general operation approval - D, NL, F)
- Pneumatic tires 205/65 R15

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT


- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvils and vertical blades can be used twice each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

300 MX

 Wood diameters of up to 19 cm

 Feed width 240 mm

 Weight ca. 1,300 kg

 Feed hopper 1,020 x 940 mm

“The big brother” of our 235 MX



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- More powerful version of the 235 MX with increased engine power for even more efficient chipping.
- Incl. broader tires, wider axle and fenders for increased comfort and driving safety
- WhisperCut® option: low-noise with reduced operating costs
- Many further options available

ENGINE AND CHASSIS

- 4-cylinder Kubota turbo diesel engine with 33.0 kW (45 hp) – optimised for ease of maintenance thanks to its accessibility
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant single-axle chassis (80 km/h) – optionally available in a 100 km/h version
- Fixed, broadened walk-on fenders made of sheet steel
- Towing hitch with inertia brake and ball-shaped coupling or DIN eye coupling (optional: towing hitch adjustable in height)
- Optional: hydraulic wheel drive
- Front jockey wheel and support leg at the rear
- Road lights in accordance with StVZO (shock-protected)
- TÜV expertise and ABE (general operation approval - D, NL, F)
- Wide-base tires 215/65 R16C

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvils and vertical blades can be used twice each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

235 / 300 EX

 Wood diametres of up to 19 cm

 Feed width 240 mm

 Standard weight ca. 1,350 kg

 Feed hopper 1,020 x 940 mm

Turning chipper unit 270°!



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Compact, powerful and efficient - now available with a 270° turning chipper unit as well!
- Our proof of quality and development skills
- User-oriented, easy to service and maintain, reliable
- WhisperCut® option: low-noise with reduced operating costs
- Many further options available

ENGINE AND CHASSIS

- Water-cooled 4-cyl. Kubota diesel engine of 25.7 kW / 35 hp (235 EX) or 33 kW / 45 hp turbodiesel engine (300 EX)
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant single-axle chassis (80 km/h) – optionally available in a 100 km/h version
- Fixed, walk-on fenders made of sheet steel
- Chipper unit turning 270 degrees
- Towing hitch with inertia brake and ball-type coupling or DIN eye coupling
- Front jockey wheel and support leg at the rear Walk-on
- Optional: hydraulic wheel drive (EX)
- Road lights in accordance with StVZO (shock-protected)
- TÜEV expertise and ABE (general operation approval - D, NL, F)
- Wide-base tires 195/70 R14 96N

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable






CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvil and vertical blade turning 4 times each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525
- Optional: special equipment for long-fibre wood (e. g. palm trees)

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

355 EX/TX

	Wood diameters of up to	22 cm
	Feed width	300 mm
	Weight	ca. 1.830 kg (EX)
	Weight	ca. 1.950 kg (TX)
	Feed hopper	1.170 x 1.035 mm

Middle-class economy model



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Water-cooled Kubota diesel engine of the latest generation: sustainable, low-emission, smooth and powerful
- Single-axle chassis (EX) or, optionally, with a tandem axle (TX)
- Chipper unit standard turning 270 degrees
- WhisperCut® option: low-noise with reduced operating costs

ENGINE AND CHASSIS

- 4-cylinder Kubota diesel engine with 36.5 kW (50 hp)
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant (80 km/h) single-axle (EX) or tandem-axle chassis (TX)
- Fixed, walk-on fenders made of sheet steel
- Chipper unit turning 270 degrees
- Towing hitch with inertia brake, adjustable in height (ball coupling or DIN eye coupling)
- Optional: hydraulic wheel drive (EX)
- Road lights in accordance with StVZO (shock-protected)
- TÜEV expertise and ABE (general operation approval - D, NL, F)
- Pneumatic tires 205 R14C (EX) or 185/70 R14 (TX)

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed-cutting system for a quick, safe and exact blade change
- Horizontal anvil and vertical blade turning 4 times each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525
- Optional: special equipment for long-fibre wood (e. g. palm trees)

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

465 EX/TX

 Wood diameters of up to **23 cm**

 Feed width **300 mm**

 Weight **ca. 1,900 kg (EX)**

 Weight **ca. 1,950 kg (TX)**

 Feed hopper **1,170 x 1,035 mm**

**Middle class model with
increased engine power**



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Strong, water-cooled Kubota turbo diesel engine of the latest generation with 66 hp: sustainable, low-emission, smooth and powerful
- Single-axle chassis (EX) with reinforced axle or, optionally, with a tandem axle (TX)
- Chipper unit standard turning 270 degrees
- WhisperCut® option: low-noise with reduced operating costs

ENGINE AND CHASSIS

- 4-cylinder Kubota turbo diesel engine with 49.2 kW (66 hp)
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant (80 km/h) single-axle (EX) or tandem-axle chassis (TX)
- Fixed, walk-on fenders made of sheet steel
- Chipper unit turning 270 degrees
- Towing hitch with inertia brake, adjustable in height (ball coupling or DIN eye coupling)
- Optional: hydraulic wheel drive (EX)
- Road lights in accordance with StVZO (shock-protected)
- TUEV expertise and ABE (general operation approval - D, NL, F)
- Heavy-duty tires 205/65 R17.5 (EX) or 185/70 R14 (TX)

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable






CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvil and vertical blade turning 4 times each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525
- Optional: special equipment for long-fibre wood (e. g. palm trees)

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

485 EX/TX

	Wood diameters of up to	24 cm
	Feed width	300 mm
	Weight	ca. 1,950 kg (EX)
	Weight	ca. 2,000 kg (TX)
	Feed hopper	1,170 x 1,035 mm

Middle class model for highest performance



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Strong, water-cooled Kubota turbo diesel engine of the latest generation with 75 hp: sustainable, low-emission, smooth and powerful
- Single-axle chassis (EX) with reinforced axle or, optionally, with a tandem axle (TX)
- Chipper unit standard turning 270 degrees
- WhisperCut® option: low-noise with reduced operating costs

ENGINE AND CHASSIS

- 4-cylinder Kubota turbo diesel engine with 55.4 kW (75 hp)
- Water-cooled
- Industrial freewheel clutch automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant (80 km/h) single-axle (EX) or tandem-axle chassis (TX)
- Fixed, walk-on fenders made of sheet steel
- Chipper unit turning 270 degrees
- Towing hitch with inertia brake, adjustable in height (ball coupling or DIN eye coupling)
- Optional: hydraulic wheel drive (EX)
- Road lights in accordance with StVZO (shock-protected)
- TÜV expertise and ABE (general operation approval - D, NL, F)

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT


- Infinitely variable setting of the chip size (5 – 25 mm)
- 2-blade chipping disk with continuously adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvil and vertical blade turning 4 times each resulting in a long service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525
- Optional: special equipment for long-fibre wood (e. g. palm trees)

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

550 MX

 Wood diameters of up to **30 cm**

 Feed width **340 mm**

 Weight **ca. 3,200 kg**

 Feed hopper **1,420 x 960 mm**

**Ideally suited for wood chip
production on a greater scale**



schliesing wood chippers comply with the safety regulations of DIN EN 13525. The diesel engines installed exceed the exhaust emission standards of EU 97/68 / III A

- Water-cooled Kubota turbo diesel engine of the latest generation with 100 hp and 3-blade chipping disk for maximum performance
- Easily processes wood quantities of up to 25 m³/h
- Available with radio remote control requiring one operator only (e.g. incl. crane functions)
- Top feed roller with auxiliary transmission to increase the feeding force (by up to 400%)
- Pneumatic brake and many other features optionally available

ENGINE AND CHASSIS

- 4-cylinder Kubota turbo diesel engine with 74.0 kW (100 hp)
- Water-cooled
- Hydraulic Turbomatic clutch, automatically acting between the engine and the disk
- Power Control System incl. minutes counter (optional)
- Fully galvanized, corrosion-resistant tandem-axle chassis (80 km/h)
- Fixed, walk-on fenders made of sheet steel
- Chipper unit turning 270 degrees
- Towing hitch with inertia brake, adjustable in height (ball coupling or DIN eye coupling)
- Road lights in accordance with StVZO (shock-protected)
- TUEV expertise and ABE (general operation approval - D, NL, F)
- Heavy-duty tires 205/65 R17.5

MACHINE BODY / FEED HOPPER / DISCHARGE CHUTE

- Turning discharge chute on ball bearing flange with adjustable deflector (as per GS standard)
- Many components in exposed positions galvanized
- Sound insulation of relevant machine parts (hood in particular)
- Feed hopper with flap as per CE standards, 1,500 mm feeding depth
- Change of colour optional
- Choice of two discharge chute lengths - optionally adaptable

CHIPPER UNIT

- Infinitely variable setting of the chip size (5 – 25 mm)
- 3-blade chipping disk with fully adjustable blades that can be resharpened multiple times for a high service life
- Enclosed cutting system for a quick, safe and exact blade change
- Horizontal anvils and vertical blades can be used four times for a high service life
- Excellent protection against entangling at the main bearing of the chipping disk
- Chipping unit equipped with safety circuit conforming to EN 13525

HYDRAULIC POWERGRIP FEED ROLLERS

- Separate hydraulic circuit
- PowerGrip feed rollers with hydraulic forced feeding and two separate oil motors for an aggressive and uniform feeding of material, while preventing branches from lashing out to the left and right
- Auxiliary transmission to increase the feeding force (by up to 400%)
- Parallel-guided upper feed roller for a uniform and continuous feeding of material (no wedging of the material)
- Oil level indicator for hydraulic oil tank
- Optional: SAFEchip safety circuit

WhisperCut®

- Internationally patented cutting system registered as a brand
- Established and proven on the market for more than 15 years
- V-shaped blade positions ensure a more uniform feeding of the material towards the centre with fewer vibrations. No lashing out of the wood – increased work safety
- Noise level reduction of up to 30%
- Service life of the blades increased by up to 40% and wider spaced service intervals result in low operating costs
- Optionally available for nearly all schliesing wood chipper models



V-shaped blade positions for noise level reduction, a more uniform feeding of the material and the reduction of operating costs



Available for nearly all wood chipper models of the schliesing product ranges engine-driven, PTO-driven and special machines

SAFEchip safety technology

**Recommended by the Gardening
Employer's Liability Insurance Association**

- Electro-sensitive protection system through an electromagnetic field
- The sender (transponder) is carried inside the ear protection
- If approached too closely, the feed rollers will automatically stop, thus preventing accidents
- Proven in everyday use and judged positively by the operators
- Seamlessly fits into the work flow
- Quick-test unit for the battery status included in the delivery



When entering the electromagnetic field generated by the sending/receiving unit, the feed rollers are instantly stopped

Hydraulic wheel drive

Maneuvering the machine without a pulling vehicle

- Allows for moving the machine without a pulling vehicle
- To manoeuvre in constrained surroundings or areas with difficult access
- Driven by a separate hydraulic system (consisting of two hydraulic oil motors and friction rollers, as well as a controller unit)
- Operated by two control valves mounted on the machine (functions: forward, backward and turn)



Friction roller drive at two wheels



Hydraulic control valves

Hydraulic PowerGrip feed rollers

- PowerGrip feed rollers with curved steel cotters
- Secure seizing of large diameter wood and crushing of crutches
- The hydraulic forced feeding with two separate oil motors (one per feed roller) warrants an aggressive and uniform feeding operation
- This system prevents branches from lashing out to left and right: increased work safety
- Parallel guidance of the upper feed roller: prevents a jamming of the fed material and minimizes wear and tear of the drive shafts
- Model 550 MX is standard equipped with a torque multiplication transmission at the upper feed roller: increase of the feeding force of up to 400%



Overview

105MX

175MX

200MX

235MX

CORE DATA

Wood diameters of up to	13 cm	16 cm	16 cm	19 cm
Feed width	200 mm	240 mm	240 mm	240 mm
Feed hopper dimensions: width x height (mm)	865 x 720	865 x 720	950 x 825	1.020 x 940
Chipping disk: diameter x thickness (mm)	600 x 25	660 x 30	660 x 30	660 x 35
Weight (basic machine)	< 750 kg	< 750 kg	ca. 1,050 kg	ca. 1,250 kg

ENGINE

Manufacturer	Kubota	Kubota	Kubota	Kubota
Model	3-cyl., diesel	3-cyl., diesel	3-cyl., diesel	4-cyl., diesel
Engine power	14,7 kW (20 hp)	16,1 kW (22 hp)	18,5 kW (25 hp)	25,7 kW (35 hp)
Water-cooled engine	■	■	■	■
Industrial freewheel clutch	■	■	■	■
Hydraulic Turbomatic clutch	—	—	—	—
Power Control (electric overload protection) incl. minutes counter	○	○	○	○

CHASSIS

Galvanized single-axle chassis (80 km/h) EX	—	■	■	■
Single-axle chassis for 100 km/h	○	○	○	○
Hydraulic wheel drive for single-axle models EX	—	—	○	○
Galvanized tandem-axle chassis (80 km/h) TX	—	—	—	—
Towing hitch with inertia brake / adjustable in height	■ / —	■ / —	■ / ○	■ / ○
Theft protection towing hitch	○	○	○	○
Heavy-duty front jockey wheel	■	■	■	■
Rear supporting leg for single-axle models EX	■	■	■	■
Spare tire with mounting	○	—	○	○
Road lights in accordance with StVZO (shock-protected)	■ / —	■ / —	■ / —	■ / —
TUV expertise and ABE (general operation license - D, NL and F)	■	■	■	■
Driver's license class B sufficient	■	■	—	—

FEED HOPPER/HOUSING

Chipping unit turning 270°	—	—	—	—
Feed hopper with flap in conformity with CE standards	■	■	■	■
Turning discharge chute as per EN	■	■	■	■
Adjustable deflector on discharge chute	■	■	■	■
Discharge chute on ball bearing flange	—	—	■	■
Sound insulation	■	■	■	■
Exposed machine parts galvanized	—	■	■	■

CHIPPER UNIT

PowerGrip feed rollers	—	■	■	■
Parallel-guided upper feed roller	■	■	■	■
Auxiliary transmission on upper feed roller for increased power	—	—	—	—
Enclosed blade system	■	■	■	■
2-blade chipping disk	■	■	■	■
3-blade chipping disk	—	—	—	—
WhisperCut® V-blade system	—	—	○	○
Infinitely variable adjustment of the chip length (5 – 25 mm)	■	■	■	■
Anvils can be used multiple times (horizontally/vertically)	■	■	■	■
Protection against entangling at the chipping disk	■	■	■	■
Safety circuit as per EN 13525	■	■	■	■
SAFEchip safety circuit	○	○	○	○

HYDRAULICS

Separate hydraulic circuit	■	■	■	■
Feed roller with hydraulic forced feeding	■	■	■	■
Separate oil motor for each feed roller	■	■	■	■
Hydraulic chip size adjustment	■	■	■	■
Oil level indicator for hydraulic tank	—	—	—	■
Hydraulic wheel drive for single-axle models EX	—	—	○	○

■ standard ○ available at extra charge — not available

550MX

value in square
brackets [300 EX]
*from 09/2015

Contact

SPARE PARTS

For spare parts' shipment on the same day you may reach us by phone:

Tel. + 49 (0) 2152 9140 - 35

Mo – Th 8 am – 2 pm, Fr 8 am – 11 am

Apart from these times you can reach us by fax and email:

Fax + 49 (0) 2152 9140 - 51

Email ersatzteile@schliesing.com

SERVICE

Tel. + 49 (0) 2152 9140 - 63

Fax + 49 (0) 2152 9140 - 51

SALES

Germany

Tel. + 49 (0) 2152 9140 - 34

Fax + 49 (0) 2152 9140 - 70

International

Tel. + 49 (0) 2152 9140 -11

Fax + 49 (0) 2152 9140 - 70

Imprint

EDITOR

schliesing Machinery GmbH
St. Huberter Str. 103, D-47906 Kempen

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COMMERCIAL REGISTRY ENTRIES

Local Court Krefeld HRB 13039
Registered Office 47906 Kempen

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