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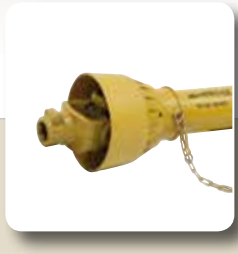
FIREWOOD PROCESSING



HS 11 E
HS 14 E
HS 16 E
HS 16 ZE
HS 22 ZE
HS 30 Z
HS 30 ZE

Log splitter

HS 11 E / HS 14 E HS 16 E

- Comes complete with log lifter for the uplifting of heavy, oversize logs and stabilization of cut logs
- Allows for cutting of short and long logs up to 1100 mm
- Easy transport by trolley with large rubber wheels (HS 16 E)
- High quality powder coating ensures scratch proof surface
- Oversize splitting wedge features solid, durable plastic guide
- Stepless adjustable cutting stroke allows for less time consumption
- Low base plate with bevelled edge enables more convenient loading of large logs
- Lowerable cylinder reduces space requirements and simplifies transport
- Powerful hydraulic unit features high quality pressure hoses

Oversize splitting wedge features solid, durable plastic guide.

Powerful electro motor and high quality hydraulic pump.

For raising of heavy logs complete with mechanic log lifter.

Large rubber wheels allow for easy transport (HS 16 E).

Powder coated

Technical data	HS 11 E	HS 14 E	HS 16 E
Max. capacity	11 to	14 to	16 to
Log length	560 – 1040 mm	560 – 1040 mm	560 – 1100 mm
Log diameter	100 – 300 mm	100 – 300 mm	80 – 300 mm
Ram travel max.	850 mm	850 mm	948 mm
Forward speed	8,34 m/min	13,08 m/min	8,52 m/min
Workin speed	2,94 m/min	2,52 m/min	2,76 m/min
Return speed	3,66 m/min	3,12 m/min	3,84 m/min
Hydraulic pressure	25,5 Mpa	24,6 Mpa	27,7 Mpa
Hydraulic tank	7 l	7,5 l	18 l
Drive	E-Motor	E-Motor	E-Motor
Motor power S_6 40%	3,3 kW / 230 V	3,5 kW / 400 V	4,5 kW / 400 V
Machine dimension (L x W x H)	1200 x 1500 x 2300 mm	1200 x 1500 x 2300 mm	1400 x 1600 x 2400 mm
Weight approx.	174 kg	185 kg	259 kg
Art. no.	14-1206	14-1207	14-1208

2
Speed-System

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HS 11 E / HS 14 E HS 16 E

The HS 11 E / HS 14 E / HS 16 E log splitter features innovative technology, such as two-handed safety operation, fast cutting speed for high work efficiency, stepless adjustable splitting stroke as well as a log lifter as part of the standard accessories.

Standard accessories:

- Two-handed safety operation
- Log lifter
- Switch-Plug combination
- Oil filling
- Carriage
- Splitting wedge

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Log splitter

HS 16 ZE
HS 22 ZE

- Comes complete with log lifter for the uplifting of heavy, oversize logs and stabilization of cut logs
- Allows for cutting of short and long logs up to 1100 mm
- Selection of PTO drive and electro/ PTO drive
- High quality powder coating ensures scratch proof surface
- Oversize splitting wedge features solid, durable plastic guide
- Stepless adjustable cutting stroke allows for less time consumption
- Low base plate with bevelled edge enables more convenient loading of large logs
- Lowerable cylinder reduces space requirements and simplifies transport
- Powerful hydraulic unit features high quality pressure hoses

BERNARDO PROFESSIONAL

Oversize splitting wedge features solid, durable plastic guide.

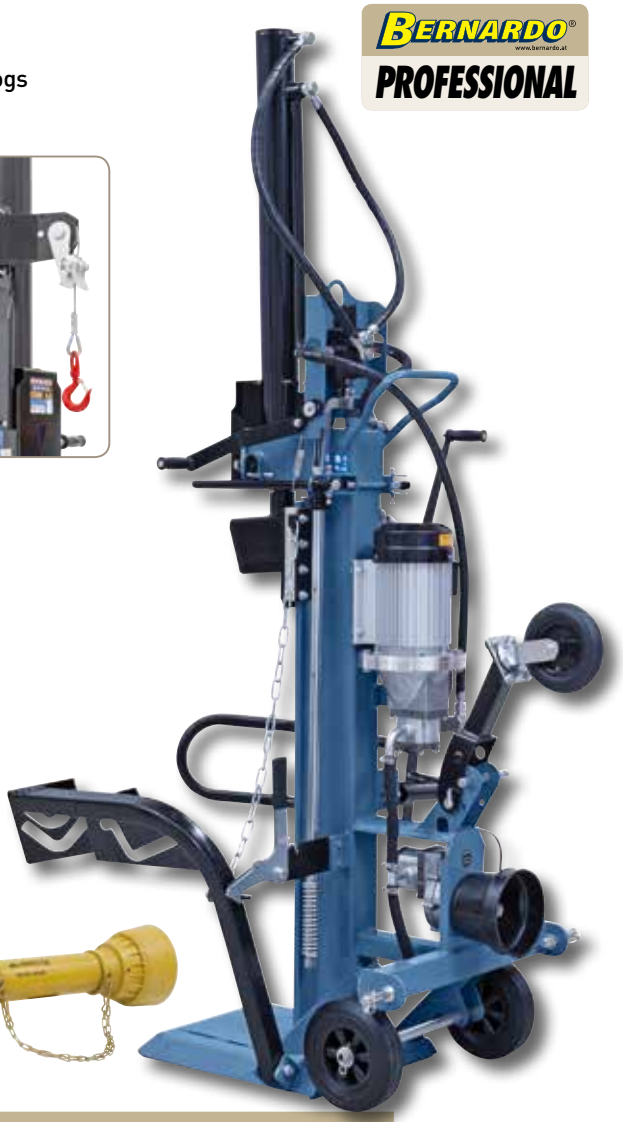
Two-handed safety operation for safe work, forward speed alternatively fast or slow.

Optional available: Hydraulic winch

For raising of heavy logs complete with mechanic log lifter.

ZE-models with powerful electro motor and high quality hydraulic pump.

2
Speed-System



PTO shaft optional available

Powder coated

Technical data	HS 16 ZE	HS 22 ZE	HS 30 Z	HS 30 ZE
Max. capacity	16 to	22 to	30 to	30 to
Log length	560 – 1100 mm	560 – 1100 mm	560 – 1100 mm	560 – 1100 mm
Log diameter	80 – 300 mm	80 – 350 mm	80 – 400 mm	80 – 400 mm
Ram travel max.	948 mm	948 mm	948 mm	948 mm
Forward speed	8,52 m/min	6,3 m/min	7,5 m/min	7,5 m/min
Workin speed	2,76 m/min	2,58 m/min	2,22 m/min	2,22 m/min
Return speed	3,84 m/min	4,5 m/min	4,02 m/min	4,02 m/min
Hydraulic pressure	27,7 Mpa	27,5 Mpa	26,1 Mpa	26,1 Mpa
Hydraulic tank	18 l	24 l	30 l	30 l
Drive	E-Motor and PTO	E-Motor and PTO	PTO	E-Motor and PTO
Motor power S_6 40%	4,5 kW / 400 V	5,1 kW / 400 V	-	5,5 kW / 400 V
Power take-off speed	540 rpm	540 rpm	540 rpm	540 rpm
Tractor capacity	> 20 HP	> 20 HP	> 20 HP	> 20 HP
Machine dimension (L x W x H)	1400 x 1500 x 2500 mm	1400 x 1500 x 2500 mm	1400 x 1500 x 2500 mm	1400 x 1500 x 2500 mm
Weight approx.	277 kg	314 kg	332 kg	372 kg
Art. no.	14-1209	14-1210	14-1211	14-1212

* Varying speed, depending on performance of tractor

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HS 30 Z
HS 30 ZE

The HS series of log splitters comes with a choice of PTO drive or a combination of electro-/PTO drive.
Innovative technology makes these models stand out, such as the two-handed safety operation, the fast cutting speed for high work efficiency, stepless adjustable cutting stroke as well as a log lifter as part of the standard accessories.

Standard accessories:

- Two-handed safety operation
- Three-point mounting with attachment pins
- Log lifter
- Switch-plug-combination (ZE models)
- PTO shaft with cover
- Oil filling
- Carriage
- Splitting wedge

Optional accessories:	Art. no.	excl. VAT
PTO shaft for HS-models	14-1202	€
Hydraulic winch	14-1221	€

Serially with three-point attachment according to cat I/II and pins

notes

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notes

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