

## TECHNICAL DATA

### Measurements

Width, head open	1 540 mm
Width, head closed	1 115 mm
Weight (from)	1 010 kg
Height (in processing position)	1 630 mm
Length (in processing position)	1 510 mm
Optimal tree diameter	400 mm
Optimal tree diameter in debarking	300 mm

### Delimiting

Number of delimiting knives	4+1
Max opening of front knives	600 mm
Max opening of rear knives	700 mm
Diameter front knives tip-to-tip	390 mm

### Feeding

Type of feed	2WD
Diameter of feed rollers	460 mm
Max opening of feed rollers	580 mm

### Hydraulics

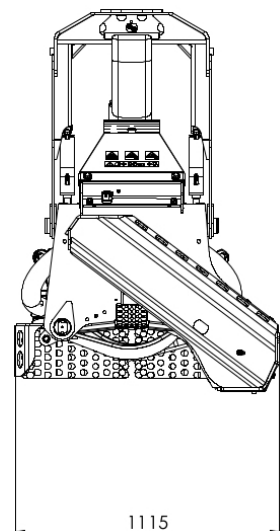
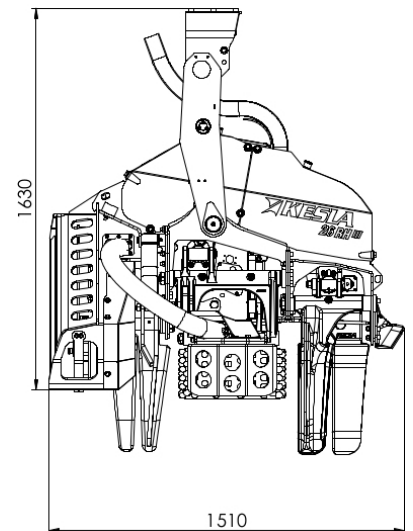
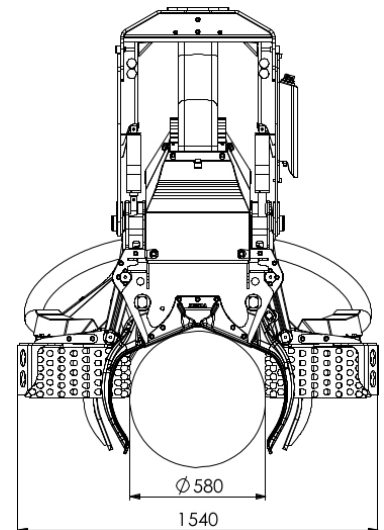
Recommended pressure min	250 bar
Max pressure	280 bar
Recommend oil flow min	160 l/min
Max oil flow	250 l/min

### Electronics

Voltage	24 V
Current	15 A

### Recommended base machine

Excavator min weight	12 t
Excavator max weight	16 t
Wheeled harvester min weight	15 t
Wheeled harvester max weight	22 t



## SAW AND FEEDMOTOR CONFIGURATION

### Chain Saw Options

#### JPS R5500 32cc saw with auto chain tensioner, auto saw control

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	32 cc
Chain tightener	auto
Saw control	auto



#### KESLA HD30 with automatic chain tensioner, manual saw control

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	30 cc
Chain tightener	auto
Saw control	manual

#### KESLA HD30 with automatic chain tensioner, auto saw control

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	30 cc
Chain tightener	auto
Saw control	auto

#### KESLA HD19 with automatic chain tensioner, manual saw control

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	19 cc
Chain tightener	auto
Saw control	manual

#### KESLA HD19 with automatic chain tensioner, auto saw control

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	19 cc
Chain tightener	auto
Saw control	auto

**SuperCut 150 saw with automatic chain tensioner and saw control**

Max cutting diameter	650 mm
Max guide bar length	75 cm
Chain pitch	0.404 "
Saw motor displacement	30 cc
Chain tightener	auto
Saw control	auto

**Feed Motor Options****Poclain 565cc**

Feed motor displacement	565 cc
Feed force	23 kN
Feed speed	5 m/s
Recommended flow	235 l/min
Recommended engine power min	78 kW

**Rexroth 565cc**

Feed motor displacement	565 cc
Feed force	23 kN
Feed speed	5 m/s
Recommended flow	235 l/min
Recommended engine power min	78 kW

**Rexroth 470cc**

Feed motor displacement	470 cc
Feed force	19 kN
Feed speed	5 m/s
Recommended flow	195 l/min
Recommended engine power min	65 kW

**Rexroth 380cc**

Feed motor displacement	380 cc
Feed force	16 kN
Feed speed	5 m/s
Recommended flow	158 l/min
Recommended engine power min	53 kW

**Poclain Optiflow 560cc**

Feed motor displacement	565 cc
Feed force	23 kN
Feed speed	5 m/s
Recommended flow	235 l/min
Recommended engine power min	78 kW

**Poclain Optiflow 468cc**

Feed motor displacement	468 cc
Feed force	19 kN
Feed speed	5 m/s
Recommended flow	195 l/min
Recommended engine power min	65 kW

### Poclain Optiflow 376cc

Feed motor displacement	376 cc
Feed force	16 kN
Feed speed	5 m/s
Recommended flow	158 l/min
Recommended engine power min	53 kW

### Poclain Optiflow 625cc

Feed motor displacement	625 cc
Feed force	25 kN
Feed speed	5 m/s
Recommended flow	260 l/min
Recommended engine power min	86 kW

## OPTIONAL EQUIPMENT

### Control valve

HA10-030-10	STD (mechanical clamping pressure control)
HA10-030-11	KESLA proCON

### Saw bar pressure control

HA10-050-10	STD (Manual)
HA10-050-11	Proportional

### Tilt control

HA10-055-10	STD tilt
HA10-055-11	proTILT
HA10-055-12	proTILT Lock

### Chain oil pump

HA01-040-60	SuperCut 150 saw with automatic chain tensioner and saw control
HA10-060-10	Fixed volume, hydraulic
HA10-060-11	KESLA Prolube, electric adjustable

### Feed roller

HA10-070-10	STD (KESLA steel rollers)
HA10-070-20	KESLA EUCA-rollers
HA10-070-55	MOIPU Xtreme
HA10-070-60	FINNSKOGSVALSEN
HA10-070-70	V-Tec
HA10-070-75	E-Tec- feed roller for euca

### Middle roller

HA10-080-10	STD
HA10-080-20	EUCA

### Length measuring

HA10-090-12	measuring roller KESLA HydCON+
HA10-090-14	Sensors in feed motors (Rexroth motors)
HA10-090-18	measuring roller KESLA HydCON+ wide sprocket

### Diameter measuring

HA10-100-10	No diameter measuring equipment installed
HA10-100-11	STD Analog sensor, current output (mA)
HA10-100-12	Double pulse encoders
HA10-100-13	Analog sensor, voltage output (mV)

### Wire harness for control system

HA10-110-10	None
HA10-110-11	Motomit
HA10-110-12	KESLA proLOG or xLogger
HA10-110-13	Dasa d4

### Front delimiting knives

HA10-115-10	STD cast knives
HA10-115-11	Long HD knives

### Pressure accumulators for knives

HA10-120-13	Front & rear knives
HA10-120-14	Front & rear knives (accumulators unpressurized for air freight)

### Connector block for hoses

HA10-150-11

### Color marking

HA10-170-11

### Stump treatment

HA10-180-11

### Control valve for rotator

HA10-190-11	PROPO, proportional control
HA10-190-12	ON/OFF

### Find end sensor

HA10-210-11

### Spare hose kit

HA10-220-11

### Spare parts kit

HA10-230-11	STD kit (for a head with measuring wheel)
HA10-230-12	For head with length encoders in feed motors (Rexroth)
HA10-230-13	For head with length encoders in feed motors (Poclain)

### Tool kit

HA10-240-11	KESLA special tool kit
HA10-240-12	Universal tool kit
HA10-240-13	KESLA special tool kit + Universal tool kit

### Rotator & link

HA10-250-11	Black Bruin BBR15HD + link 250 mm w/ dual swing damper (#3160256)
HA10-250-13	Indexator AV 17 (#3160469) + link w/o swing damper (#90019958)
HA10-250-20	Indexator AV12S + link w/o swing damper
HA10-250-21	Indexator AV12S link w/ single swing damper S-80
HA10-250-22	Indexator AV12S + link w/ double swing damper S-80
HA10-250-23	Indexator AV12S + link w/ double swing damper S-100
HA10-250-50	Black Bruin RH3016 + 240 mm link w/ dual swing damper
HA10-250-51	Black Bruin RH3016 + 240 mm link w/o swing damper

## Control and Measuring System

HA10-260-11	KESLA xLogger with Priority-Bucking software
HA10-260-12	KESLA proLOG
HA10-260-14	KESLA xLogger with Bucking-to-value software

## Installation kit for control and measuring system

HA10-270-11

## Joystick grips

HA01-280-15	SVAB grips
HA10-280-11	SUREGRIP with 2x10 buttons preset keypads
HA10-280-12	SUREGRIP with 1x10 buttons preset keypad
HA10-280-15	SVAB grips