KESLA

HA08-010-12

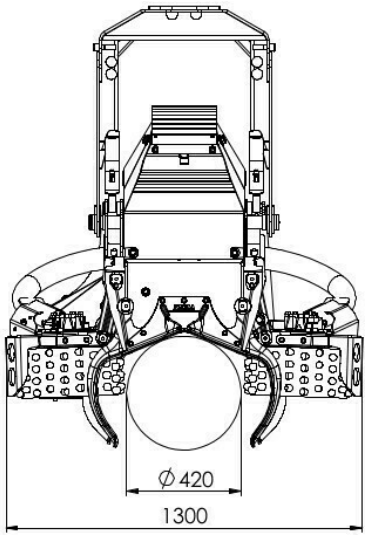
KESLA 21RH-III

The values provided by the manufacturer are indicative. Kesla reserves the right to make changes.

TECHNICAL DATA

Measurements

Width, head open	1 300 mm
Width, head closed	1 025 mm
Weight (from)	720 kg
Height (in processing position)	1 410 mm
Length (in processing position)	1 380 mm
Optimal tree diameter	330 mm
Optimal tree diameter in debarking	230 mm

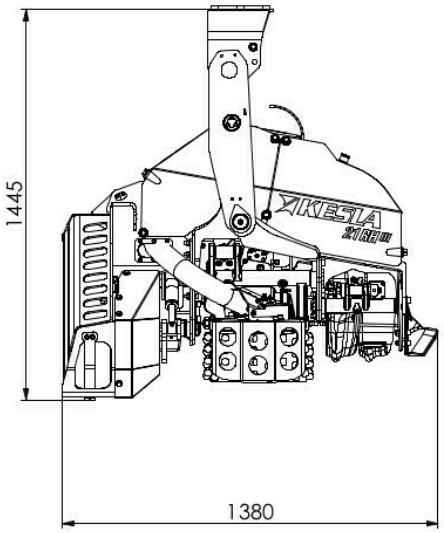


Delimbing

Number of delimbing knives	4+1
Max opening of front knives	480 mm
Max opening of rear knives	520 mm
Diameter front knives tip-to-tip	330 mm

Feeding

Type of feed	2WD
Diameter of feed rollers	355 mm
Max opening of feed rollers	420 mm

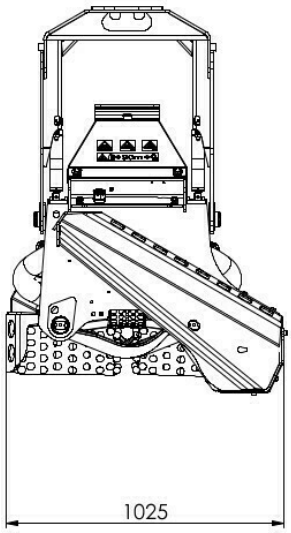


Hydraulics

Recommended pressure min	250 bar
Max pressure	280 bar
Recommend oil flow min	135 l/min
Max oil flow	240 l/min

Electronics

Voltage	24 V
Current	15 A



Recommended base machine

Excavator min weight	7 t
Excavator max weight	15 t
Wheeled harvester min weight	10 t
Wheeled harvester max weight	15 t

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SAW AND FEEDMOTOR CONFIGURATION

Chain Saw Options

F12-30, manual chain tensioner, auto saw control

Max cutting diameter	570 mm
Max guide bar length	67 cm
Chain pitch	0.404 "
Saw motor displacement	30 cc
Chain tightener	auto
Saw control	auto

F11-19, manual chain tensioner, manual saw control

Max cutting diameter	570 mm
Max guide bar length	67 cm
Chain pitch	0.404 "
Saw motor displacement	19 cc
Chain tightener	manual
Saw control	manual

F11-19, manual chain tensioner, auto saw control

Max cutting diameter	570 mm
Max guide bar length	67 cm
Chain pitch	0.404 "
Saw motor displacement	19 cc
Chain tightener	manual
Saw control	auto

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

Max cutting diameter	570 mm
Max guide bar length	67 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	570 mm
Max guide bar length	67 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	570 mm
Max guide bar length	67 cm
Chain pitch	0.404 "
Saw motor displacement	30 cc
Chain tightener	auto
Saw control	auto

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Feed Motor Options

Rexroth 400cc

Feed motor displacement	400 cc
Feed force	18 kN
Feed speed	5 m/s
Recommended flow	190 l/min
Recommended engine power min	79 kW

Rexroth 325cc

Feed motor displacement	325 cc
Feed force	15 kN
Feed speed	5 m/s
Recommended flow	155 l/min
Recommended engine power min	65 kW

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OPTIONAL EQUIPMENT

Control valve

HA08-030-10	STD (mechanical clamping pressure control)
HA08-030-11	KESLA proCON

Saw bar pressure control

HA08-050-10	STD (Manual)
HA08-050-11	Proportional

Tilt control

HA08-055-10	STD tilt
HA08-055-11	proTILT
HA08-055-12	proTILT Lock

Chain oil pump

HA08-060-10	Fixed volume, hydraulic
HA08-060-11	KESLA Prolube, electric adjustable

Feed roller

HA08-070-10	STD (KESLA steel rollers)
HA08-070-20	KESLA EUCA-rollers
HA08-070-30	KESLA Multi stemming- rollers
HA08-070-60	FINNSKOGSVALSEN
HA08-070-70	V-Tec

Middle roller

HA08-080-10	STD
HA08-080-20	EUCA

Length measuring

HA08-090-12	measuring roller KESLA HydCON+
HA08-090-13	KESLA hydCON+ w/ wide sprocket
HA08-090-14	Sensors in feed motors

Diameter measuring

HA08-100-10	No diameter measuring equipment installed
HA08-100-11	STD Analog sensor, current output (mA)
HA08-100-12	Double pulse encoders
HA08-100-13	Analog sensor, voltage output (mV)

Wire harness for control system

HA08-110-10	None
HA08-110-11	Motomit
HA08-110-12	KESLA proLOG or xLogger
HA08-110-13	Dasa d4

MTH grapple

HA08-165-11

Color marking

HA08-170-11

Stump treatment

HA08-180-11

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Control valve for rotator

HA08-190-11	PROPO, proportional control
HA08-190-12	ON/OFF

Find end sensor

HA08-210-11

KESLA proAX

HA08-215-11

Spare hose kit

HA08-220-11

Spare parts kit

HA08-230-11	STD kit (for a head with measuring wheel)
HA08-230-12	For head with length encoders in feed motors

Tool kit

HA08-240-11	KESLA special tool kit
HA08-240-12	Universal tool kit
HA08-240-13	KESLA special tool kit + Universal tool kit

Rotator & link

HA08-250-11	Black Bruin BBR15HD + link 250 mm w/ dual swing damper (#3160256)
HA08-250-20	Indexator AV12S + link w/o swing damper
HA08-250-21	Indexator AV12S link w/ single swing damper S-80
HA08-250-22	Indexator AV12S + link w/ double swing damper S-80
HA08-250-23	Indexator AV12S + link w/ double swing damper S-100
HA08-250-30	Finnrotor FR23M + link 200 mm w/o swing damper
HA08-250-40	Indexator GV6 + link S80/45 w/ single swing damper
HA08-250-41	Indexator GV6 + link S80/45 w/ dual swing damper

Control and Measuring System

HA08-260-11	KESLA xLogger with Priority-Bucking software
HA08-260-12	KESLA proLOG
HA08-260-14	KESLA xLogger with Bucking-to-value software

Installation kit for control and measuring system

HA08-270-11

Joystick grips

HA01-280-15	SVAB grips
HA08-280-11	SUREGRIP with 2x10 buttons preset keypads
HA08-280-12	SUREGRIP with 1x10 buttons preset keypad

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