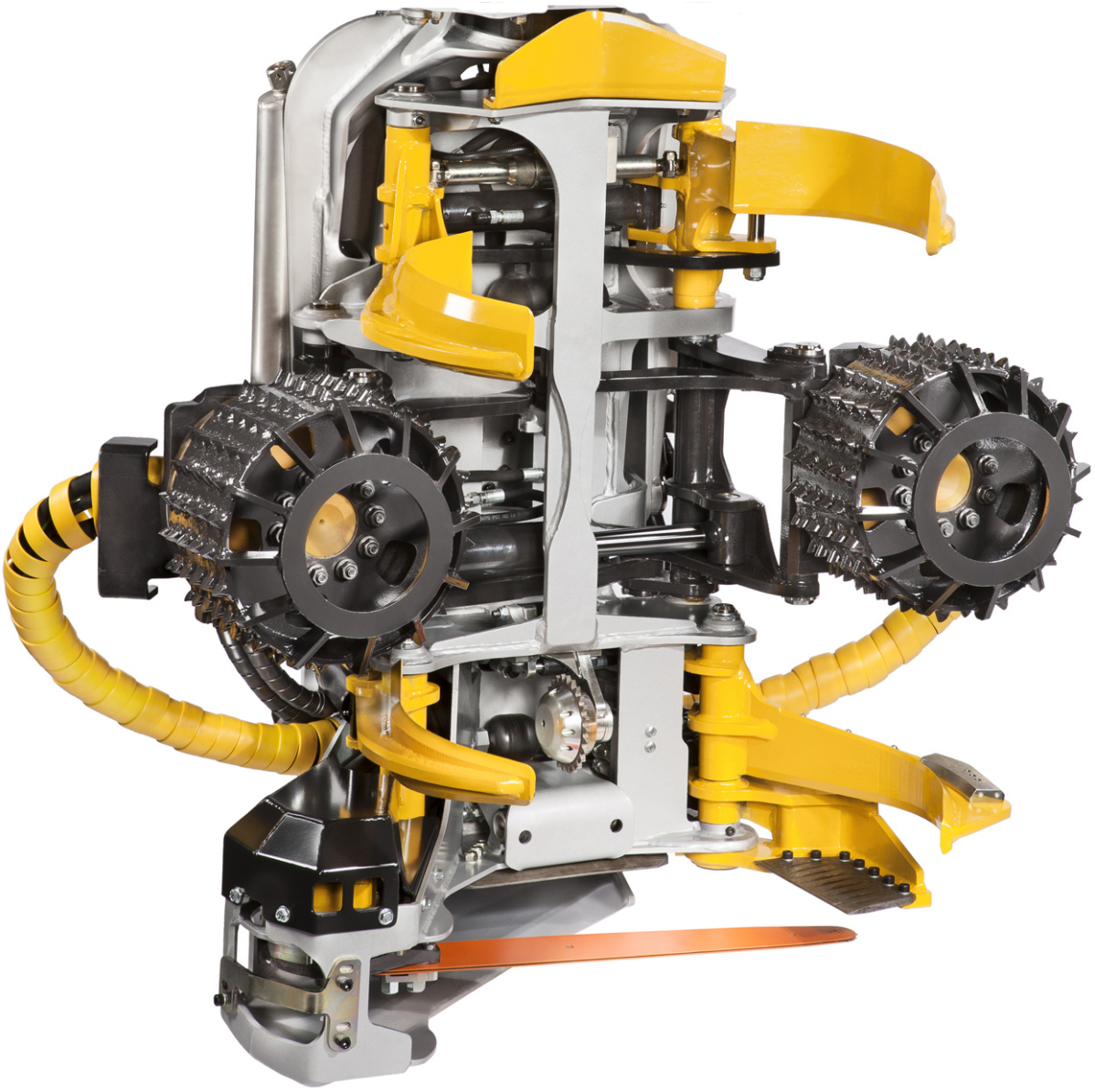
HA02

25RH-II

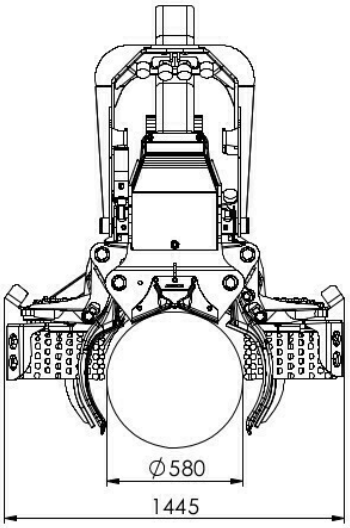


The values provided by the manufacturer are indicative. Kesla reserves the right to make changes.

TECHNICAL DATA

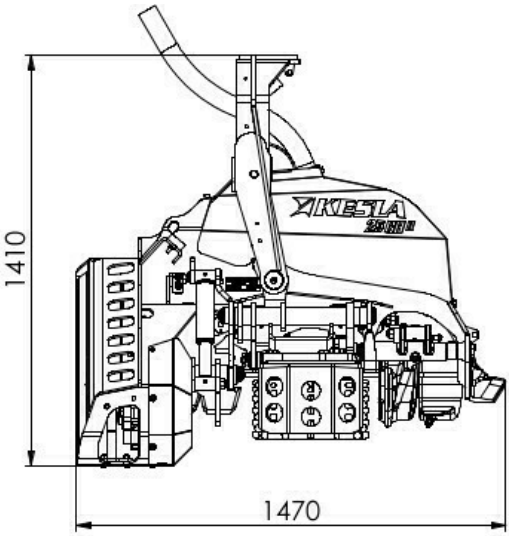
Measurements

Width, head open	1 400 mm
Width, head closed	980 mm
Weight (from)	840 kg
Height (in processing position)	1 410 mm
Length (in processing position)	1 460 mm
Optimal tree diameter	400 mm
Optimal tree diameter in debarking	300 mm



Delimbing

Number of delimbing knives	4+1
Max opening of front knives	600 mm
Max opening of rear knives	680 mm
Diameter front knives tip-to-tip	390 mm



Feeding

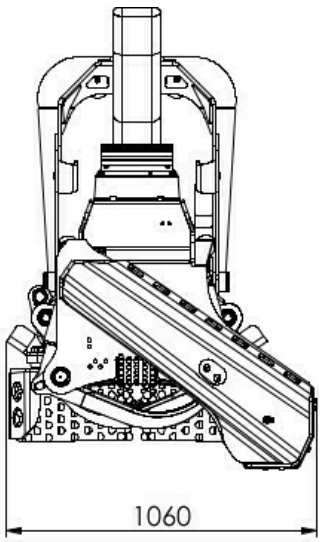
Type of feed	2WD
Diameter of feed rollers	290 mm
Max opening of feed rollers	300 mm

Hydraulics

Recommended pressure min	210 bar
Max pressure	240 bar
Recommend oil flow min	170 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	20 t

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SAW AND FEEDMOTOR CONFIGURATION

Chain Saw Options

F12-30, manual chain tensioner, manual saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	manual

F12-30, manual chain tensioner, auto saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	auto

F11-19, manual chain tensioner, manual saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	manual

F11-19, manual chain tensioner, manual saw control, short stump

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	manual

F11-19, manual chain tensioner, auto saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	auto

F11-19, auto chain tensioner JPS F1, manual saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	manual

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F11-19, auto chain tensioner JPS F1, auto saw control

Max cutting diameter	-
Max guide bar length	-
Chain pitch	-
Saw motor displacement	-
Chain tightener	-
Saw control	auto

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

Feed Motor Options

Poclain 565cc

Feed motor displacement	565 cc
Feed force	21.6 kN
Feed speed	4.7 m/s
Recommended flow	250 l/min
Recommended engine power min	88 kW

Rexroth 470cc

Feed motor displacement	470 cc
Feed force	18 kN
Feed speed	5 m/s
Recommended flow	225 l/min
Recommended engine power min	79 kW

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Rexroth 380cc

Feed motor displacement	380 cc
Feed force	14.5 kN
Feed speed	5.5 m/s
Recommended flow	200 l/min
Recommended engine power min	70 kW

Rexroth 565cc

Feed motor displacement	565 cc
Feed force	21.6 kN
Feed speed	4.7 m/s
Recommended flow	250 l/min
Recommended engine power min	88 kW

Poclain 470cc

Feed motor displacement	470 cc
Feed force	18 kN
Feed speed	5 m/s
Recommended flow	225 l/min
Recommended engine power min	79 kW

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OPTIONAL EQUIPMENT

Control valve

HA02-030-10	STD (mechanical clamping pressure control)
HA02-030-11	KESLA proCON

Saw bar pressure control

HA02-050-10	STD (Manual)
HA02-050-11	Proportional

Chain oil pump

HA02-060-10	Fixed volume, hydraulic
HA02-060-11	KESLA Prolube, electric adjustable

Feed roller

HA02-070-10	STD (KESLA steel rollers)
HA02-070-20	KESLA EUCA-rollers
HA02-070-30	KESLA Multi stemming- rollers
HA02-070-40	KESLA XtraGRIP
HA02-070-50	Rollers with rubber cushion (MOIPU)
HA02-070-60	FINNSKOGSVALSEN
HA02-070-70	V-Tec

Middle roller

HA02-080-10	STD
HA02-080-20	EUCA

Length measuring

HA02-090-10	STD (measuring roller, spring-loaded)
HA02-090-12	measuring roller KESLA HydCON
HA02-090-14	Sensors in feed motors

Diameter measuring

HA02-100-10	No diameter measuring equipment installed
HA02-100-11	STD Analog sensor, current output (mA)
HA02-100-12	Double pulse encoders
HA02-100-13	Analog sensor, voltage output (mV)

Wire harness for control system

HA02-110-10	None
HA02-110-11	Motomit
HA02-110-12	KESLA proLOG or xLogger
HA02-110-13	Dasa d4

Upper fixed delimbing knife

HA02-130-10	STD (casted knife)
HA02-130-12	LONG (25RH-II, welded steel)

Connector block for hoses

HA02-150-11

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Tilt frame

HA02-160-10	STD: Rotator link upright when the head is in processing position.
HA02-160-11	ANGLED: Rotator link is upright when the head is in felling position.

Color marking

HA02-170-11

Stump treatment

HA02-180-11

Control valve for rotator

HA02-190-11	PROPO, proportional control
HA02-190-12	ON/OFF

Top saw

HA02-200-11

Find end sensor

HA02-210-11

KESLA proAX

HA02-215-11

Spare hose kit

HA02-220-11

Spare parts kit

HA02-230-11	STD kit (for a head with measuring wheel)
HA02-230-12	For head with length encoders in feed motors

Tool kit

HA02-240-11	KESLA special tool kit
HA02-240-12	Universal tool kit
HA02-240-13	KESLA special tool kit + Universal tool kit

Rotator & link

HA02-250-11	Black Bruin BBR15HD + link 250 mm w/ dual swing damper (#3160256)
HA02-250-13	Indexator AV 17 (#3160469) + link w/o swing damper (#90019958)
HA02-250-20	Indexator AV12S + link w/o swing damper
HA02-250-21	Indexator AV12S link w/ single swing damper S-80
HA02-250-22	Indexator AV12S + link w/ double swing damper S-80
HA02-250-23	Indexator AV12S + link w/ double swing damper S-100

Control and Measuring System

HA02-260-11	KESLA xLogger with Priority-Bucking software
HA02-260-12	KESLA proLOG
HA02-260-14	KESLA xLogger with Bucking-to-value software

Installation kit for control and measuring system

HA02-270-11

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

Joystick handles

HA02-280-11	SUREGRIP with 2x10 buttons preset keypads
HA02-280-12	SUREGRIP with 1x10 buttons preset keypad

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