KESLA

KESLA HARVESTER HEADS: NEW GENERATION

KESLA 19RH-III & 21RH-III

REDESIGNED AND OPTIMIZED

KESLA 19RH-III

Thanks to its modular design, the new KESLA 19RH-III harvester head can be optimized to work in a wide variety of conditions, with different wood and on different base machines. The KESLA 19RH-III is a 3-knife harvester head with one rear delimbing knife, suitable for first or subsequent thinning, as well as for harvesting short rotation eucalyptus and acacia plantations with or without debarking. As a 3-knife, 19RH-III is an excellent choice for handling a slightly more challenging acacia. If head weight is a critical factor, the 19RH-III is a great choice because of its lighter weight. It is best suited for installation on 8-13 tonne excavators or wheeled harvesters.

TEHTY SUOMESSA
MADE IN FINLAND

KESLA 21RH-III

The new KESLA 21RH-III harvester head can also be optimized for a wide variety of conditions, different wood and different base machines. The KESLA 21RH-III is a 4-knife harvester head with two rear delimbing knives, suitable for first or subsequent thinning, as well as for harvesting short rotation eucalyptus and acacia plantations with or without debarking. It is best suited for installation on 10-13 ton excavators or wheeled harvesters.

	19RH-III	21RH-III
Weight from	680 kg / 1,500 lbs	720 kg / 1,590 lbs
Max opening of rollers	420 mm / 16,5"	420 mm / 16,5"
Max opening of front knives	480 mm / 18,9"	480 mm / 18,9"
Max opening of rear knife	520 mm / 20,4"	520 mm / 20,4"
Max sawing diameter	540 mm / 21,2"	540 mm / / 21,2"
Delimbing diameter (knives circling the tree)	330 mm / 12,9"	330 mm / 12,9"
Optimal tree diameter less than	250 mm / 9,8"	280 mm / 11"
Delimbing force (28 Mpa)	19 kN / 4,270 lbf (400 cc motors)	19 kN / 4,270 lbf (400 cc motors)
	15 kN / 3,370 lbf (325 cc motors)	15 kN / 3,370 lbf (325 cc motors)
Delimbing speed (200 l/min)	5 m/s / 16,4 ft/s (400 cc motors)	5 m/s / 16,4 ft/s (400 cc motors)
	6 m/s / 19,7 ft/s (325 cc motors)	6 m/s / 19,7 ft/s (325 cc motors)
Knives	1+3	1+4
Feed rollers	2	2
Hydraulic chain saw:		
Saw chain	0,404"	0,404"
Max length of bar	64	64
Chain oil fill	4 l / 1,06 gal	4 l / 1,06 gal
Hydraulics:		
Required oil flow	150-200 l/min / 40-53 gpm	150-200 l/min / 40-53 gpm
Operating pressure	28 Mpa / 4,060 PSI	28 Mpa / 4,060 PSI
Operating voltage	24V 15A	24V 15A
CARRIER recommendation:		
Excavator or rubber wheel harvester weight	8-13 tn / 17,600-28,600 lbs	10-13 tn / 22,000-28,600 lbs
Engine power required	65-80 kW / 87-107 hp	65-80 kW / 87-107 hp

Kesla reserves the right for any alterations. 4/2020.

#yourlifetimematch