



H424

Characterized by its consistent performance and skill set in second thinnings and early regeneration cuttings, the versatile H424 is equally suited for processing or debarking applications. With a durable frame, well-protected hosing, feed power and ample cutting capacity, it's a very capable all-around head for mid-sized harvesters.

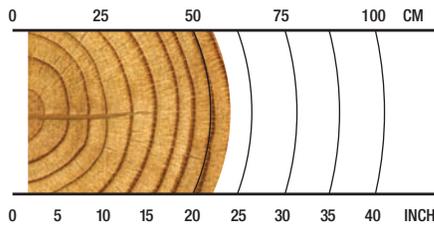
OVERVIEW

Harvesting in early and second thinnings; early regeneration harvesting.

APPLICATIONS

Softwood harvesting
 Mixed stand (hardwood and softwood) harvesting
 Multi-tree harvesting
 Processing
 Debarking

RECOMMENDED RANGE



4-57 cm / 1.6-22.4 in.

SPECS



1105 kg / 2,436 lb.
 Weight (Without Rotator & Link)



28 MPa / 4,061 psi
 Maximum Hydraulic Requirements



430 mm / 17.0 in.
 Delimiting Diameter Tip-to-Tip



610 mm / 24.0 in.
 Max Upper Delimiting Opening



640 mm / 25.2 in.
 Max Feed Roller Opening



620 mm / 24.4 in.
 Maximum Cutting Capacity



17-22 metric ton
 Carrier Size



16-21 metric ton
 Carrier Size

H424 HARVESTING HEAD

SPECIFICATIONS

DIMENSIONS	
Width, head open [mm/in.]	1520 / 60.0
Width, head closed	1300 / 51.2
Height without rotator and link	1345 / 53.0
WEIGHT (kg/lb.)	
Excluding rotator, link and some options [kg/lb.]	1105 / 2436
DELIMBING	
Delimiting knives	4 moving, 2 fixed
Delimiting diameter, tip to tip [mm/in.]	430 / 16.9
Maximum opening, upper knives [mm/in.]	610 / 24.0
Maximum opening, lower knives [mm/in.]	670 / 26.4
DRIVE	
Quantity of drive rollers	4
Motor cc - option 1	620 / 400-cc motors
Gross feed force [kN] (steel feed wheels)	27
Motor cc - option 2	503 / 315-cc motors
Gross feed force [kN] (steel feed wheels)	21.5
Maximum feed speed [m/s]	4.3–5.3
Maximum roller opening [mm/in.]	640 / 25.2
Minimum diameter [mm/in.]	40 / 1.6
BUTT / FELLING SAW	
Standard saw	SuperCut 100S with auto chain tensioning
Maximum cut diameter [mm/in.]	620 / 24.4
Length of saw bar [mm]	750
Chain type [mm/in.]	0.404
Saw motor	19, 20 or 25cc
Oil tank capacity	7.5 l

SPECIFICATIONS

CARRIER RANGE	
Wheeled [metric ton]	17-22
Tracked [metric ton]	16-21
HYDRAULIC SYSTEM	
Maximum operating pressure [Mpa/PSI]	28
Recommended pump capacity [l/min.,gal/min.]	260–320
CONTROL AND MEASURING SYSTEM	
	TimberRite H-16
OPTIONAL EQUIPMENT	
Color marking	
Stump treatment	
Multi-tree-harvesting (MTH)	
Debarking feed rollers	
Steel thumbnail feed rollers	
Steel V-profile feed rollers	
Moipu feed rollers	
Chain and saw-bar kits	
Hydraulic hose kit	
Heavy-duty tilt frame	
Rotator options	
Processing knives	
Saw bar and chain grease lubrication	

