



# » CF18 FIXED HARVESTING HEAD

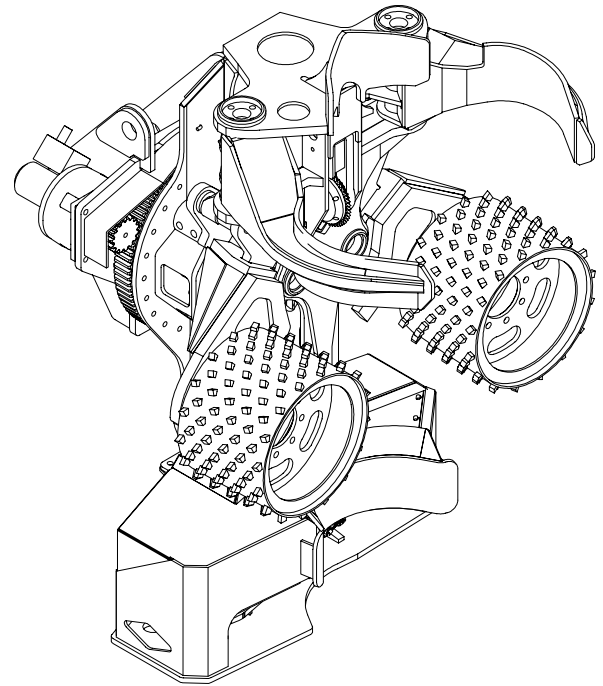
## SPECIFICATIONS



The Barko® CF18 fixed harvesting head provides optimal performance on a wide range of harvesting and processing applications. Featuring a patent-pending design equipped with IQAN® control system, onboard valving and center hose routing, the CF18 is precisely engineered for fast and efficient cutting and delimiting.

# SPECIFICATIONS

DIMENSIONS	
<b>Weight</b>	4,900 lbs (2,223 kg)
<b>Height</b>	82" (208 cm)
<b>Width (arms open)</b>	60.5" (154 cm)
<b>Width (arms closed)</b>	52.5" (133 cm)
HYDRAULICS & ELECTRICAL	
<b>Control System</b>	IQAN®
<b>Valve Package</b>	Parker®
<b>Joral Encoders</b>	Non-Contact
<b>Electrical System Voltage</b>	24-volt
<b>Hydraulic Flow Requirement (minimum)</b>	80 gpm (302 L per minute)
<b>Hydraulic Pressure Requirement (maximum)</b>	4,500 psi (310 bar)
DELIMBING & CUTTING	
<b>Delimb Pressure</b>	Adjustable with float
<b>Top Delimb Knife</b>	Fixed
<b>Movable Delimb Arms</b>	2
<b>Maximum Knife Opening</b>	29" (737 mm)
<b>Maximum Full Coverage Delimb Diameter</b>	20" (508 mm)
<b>Minimum Full Coverage Delimb Diameter</b>	4.5" (114 mm)
<b>Main Saw - Bar Pitch</b>	0.75" (19 mm)
<b>Bar Length</b>	33" (838 mm)
<b>Maximum Diameter Cut</b>	24" (610 mm)
<b>Maximum Chain Speed</b>	51 ft/sec (15.5 m/sec)
<b>Chain Oil Tank Capacity</b>	4 gal. (15.1 L)
<b>Chain Tensioner</b>	Automatic "Jet Fit"
<b>Stump Spray</b>	Optional



FEEDING	
<b>Feed Rollers</b>	2
<b>Feed Roller Motors</b>	2
<b>Roller Motor Brand</b>	Poclair® MS08
<b>Roller Motor Type</b>	Piston
<b>Motor Size (2 Speed)</b>	1,560 cc / 780 cc
<b>Maximum Feed Force (1560 Motor Cam, 90% efficiency)</b>	11,792 lbf (52.4 kN)
<b>Maximum Feed Speed (780 cc Motor Cam at 72 gpm)</b>	16 ft/sec (4.9 m/sec)
<b>Maximum Roller Opening</b>	18.5" (470 mm)
ROTATION	
<b>Rotator/Leveler Torque</b>	12,500 ft-lbf (16,948 Nm)
<b>Rotator/Leveler Rotation</b>	360° unlimited

\* Specifications are subject to change.



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