

# ***HCT 1000-18***

## **Shear/Baler/Logger**



### **Features:**

1000 ton baling force producing 165 lb/ft<sup>3</sup> bale density  
Supplied with steel pedestals to reduce foundation cost  
Delivered in three sections to reduce installation cost



### **Processes:**

#### **Shears:**

Selected #1 & #2 Scrap  
Misc Light Scrap  
Shapes  
Plate  
Pipe

#### **Bales:**

Skeletons  
Sheet  
White Goods

**HCT 1000-18**  
**Shear/Baler/Logger**  
**400 HP Electric Version**



# **Harris**

200 Clover Reach Dr  
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# HCT 1000

## Shear/Baler/Logger

Box Open Dimensions	216"L x 108"W x 34"D (5486mm x 2743mm x 864mm)
Box Closed Dimensions	216"L x 34"W x 24"D (5486mm x 864mm x 610mm)
Shear Throat	37"W x 12"H (940mm x 305mm)
Shearing Force	1000 tons (909 tonne)
Shearing Capacity	Mild Steel Plate 3 1/2" x 34" (89mm x 864mm)
Rated Cuts Per Minute	3 to 3.25 rated plate full stroke 3.75 half rated plate or equal at short stroke 4.75 crosshead only at full stroke
Vertical Baling Force	1000 tons (909 tonne)
Bale Size	20"W x 10"H x 36"L (508mm x 254mm x 914mm)
Bale Density	165 lb/ft <sup>3</sup> (2640 kg/m <sup>3</sup> )
Bale Weight (average)	680 lbs. (309 kg)
Production Rate	20-30 bales/hour <small>PERFORMANCE RATES, BALE WEIGHTS, AND BALE DENSITIES ARE SUBJECT TO MATERIAL PRE-BALE DENSITIES, FEED RATES, AND OTHER VARIABLES IN BALING.</small>
Electric version Motor	(2) 200 HP, @ 1800 RPM (147 kW)
Electric Control System	(1) NEMA XII control panel
Main Pump	(2) 118/63 GPM @ 2700/4800 PSI (2) 93 GPM @ 1500 PSI
Cooler/Filter Pump	(2) 65 GPM @ 125 PSI
Shear Cylinders	(1) 23" Bore (584mm) 1000 tons (909 tonne)
Feed Cylinder	(1) 8" Bore (203mm) 95 tons (86 tonne)
Box Cylinder	(2) 8" Bore (203mm) 190 tons each side (172 tonne)
Oil Reservoir	1000 gallon capacity (3760 liters)
Hydraulic Oil Filtration	Full flow strainers & additional 10 micron partial filtration
Gross Weight	133 tons, approx. (120 tonne approx.)

M04004

8/04

Specifications subject to change without notice.



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