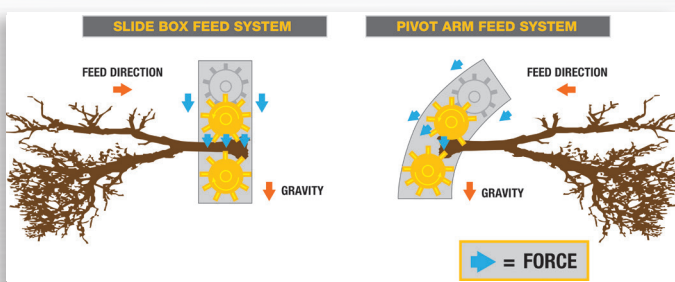


COMPARISON

Bandit 12XP > Morbark BVR13

THE BANDIT SLIDE BOX FEED SYSTEM

allows the top feed wheel to move straight up and down providing direct down pressure on material entering the chipper by using down pressure springs and the hydraulic lift cylinder. The Morbark BVR chippers utilize a reverse pivoting feed system that moves up and down on an arc. Notice in the drawing below how the pressure is applied. The Bandit slide box feed will allow for greater pulling and compressing power reducing the need to trim or re-position material.



DUAL FEED WHEEL SYSTEM

on the 12XP generates a total of 3,376 pounds of pulling power. A bottom clean-out door is standard allowing dirt and other debris to fall out extending knife life. The BVR13 only has a single top feed wheel and does not have a bottom clean-out door. Morbark does not list their pulling power specs, but dual feed wheel systems are known to have greater pulling power reducing the need to trim or re-position material.

THE 12XP HAS FOUR KNIVES (FOUR CUTS PER REVOLUTION)

compared to the Morbark's two knife (two cuts per revolution) drum. With double the knives, there are more cuts per revolution and less distance in between the knives decreasing wood hitting against the drum. These combinations allow for a smoother more efficient chipping action with reduced vibration.

MORE EFFICIENT DRUM

The 12XP has a larger diameter and wider drum compared to the BVR13. A larger drum will rotate at a lower RPM generating more torque, which in turn will require less horsepower and fuel.

DRUM ENGAGEMENT

The Bandit 12XP is available with an NACD spring loaded clutch to engage the drum. This clutch requires no adjustments to the pressure plates. Release levers rise to compensate for wear of the driven member. The Morbark BVR13 engages the drum utilizing a centrifugal clutch. Centrifugal clutches are known for slipping and are prone to heat issues. If slipping occurs, there are no actions that can occur to prevent damage. With an actual clutch, the operator has complete control and can disengage immediately if there is an issue.

MINIMAL ELECTRONIC COMPONENTS

The new BVR line of Morbark chippers utilize more electronic components. Bandit chippers are engineered to use minimal electronic components for ease of service and less downtime.



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MANUFACTURER:	BANDIT	MORBARK
Configuration:	12XP	BVR13
MEASUREMENTS		
Capacity:	12" diameter	12" diameter
Throat Opening:	14.25" high x 17" wide	14" high x 17 1/4" wide
Feed Rate (FPM):	120 FPM	-
DIMENSIONS		
Length (tray open):	16' 2"	15' 4"
Width:	6' 8"	7' 1"
Height:	8' 2"	8' 9"
Weight:	5,500 lbs.	6,000 lbs.
ENGINE		
Horsepower Range:	74 – 145 HP	74 - 133 HP
CHASSIS		
Frame:	4" frame / 6" tongue (tubing)	5" Channel
Suspension:	7,000 lbs.	7,000 lbs.
Tires:	235 / 80R 16"	235 / 80R 16"
Hitch:	2 1/2" Pintle	2 1/2" Pintle
FEED SYSTEM		
Type:	Slide Box	Pivot Arm
Down Pressure Springs:	Springs / Lift Cylinder	Springs / Lift Cylinder
Feed Wheels:	(2) Horizontal	(1) Horizontal
Displacement (CID):	(2) 15.9 CID	-
Infeed Hopper Dimensions:	30.75" high x 54" wide	30" high x 60" wide

MANUFACTURER:	BANDIT	MORBARK
Configuration:	12XP	BVR13
CUTTING SYSTEM		
Style:	Drum	Drum
Disc/Drum Dimensions:	24" diameter x 18.75" width	18" diameter x 16.5" width
RPM:	1,530	-
Knife Pockets:	4	2
DISCHARGE		
Swivel:	360°	360°
Deflector:	Adjustable	Adjustable
TANKS		
Fuel Tank Capacity:	25 Gallon	17 Gallon
Hydraulic Tank Capacity:	12 Gallon	7 Gallon

BANDIT OFFERS A COMPLETE LINE OF TREE CARE EQUIPMENT:
 Hand-Fed Chippers • Stump Grinders • Whole Tree Chippers
 Horizontal Grinders • Attachments