

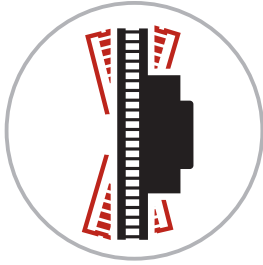
# ***AutoComp Elite™ Brake Lathe***

***Automatic compensation maximizes speed and accuracy***

**NOW WITH  
TOUCHSCREEN INTERFACE**



# AutoComp Elite™ at a glance



**COMP**

*PATENT PENDING*

## Automatic Compensation

- ✓ Directly determines compensation and eliminates 'wandering'
- ✓ Consistent compensation times average under 12 seconds



*PATENTED*

## Anti-Chatter Technology (ACT)

- ✓ Oscillates machining speed to prevent buildup of vibration (chatter)
- ✓ No bands or other devices required

**SAVE UP TO**

**2:00**

**MINUTES**

## 2X Faster!

- ✓ Save up to 2 minutes per rotor
- ✓ Cuts twice as fast as standard machines
- ✓ Maximize service time



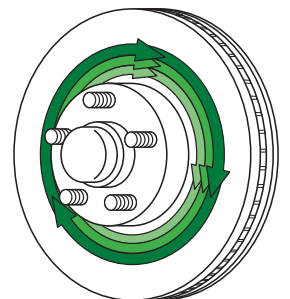
ACE-21U-E  
shown with optional flange adaptors



*PATENTED*

## Variable-Speed Drive System

- ✓ Avoid differential lock-ups by cutting at lower speed
- ✓ No need to disassemble drive train





**PATENTED**

## Precise Machining

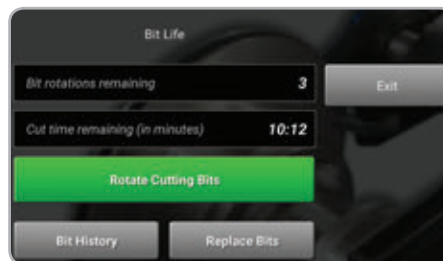
- ✓ Unique, stepped cutting pattern prevents radial “push-out” effect
- ✓ True one cut pass
- ✓ No sanding needed



**EXCLUSIVE**

## Touchscreen Interface

- ✓ Intuitive touchscreen interface simplifies lathe operation
- ✓ On-board training videos
- ✓ Vehicle specific adapter



**EXCLUSIVE**

## BitMinder

- ✓ Track cutting bit usage to ensure cut quality and minimize expense

1.0 hp

1.5 hp

50%

MORE POWER

**EXCLUSIVE**

## Powerful Motor and Drive

- ✓ 1.5-hp motor provides class leading speed and torque
- ✓ Service vehicles without pulling driveshafts



**EXCLUSIVE**

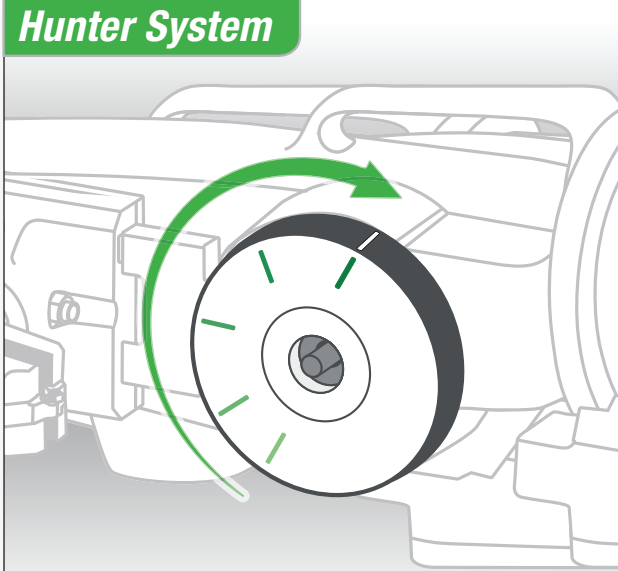
## Convenient Controls

- ✓ Control lathe operation via the on-board control panel or tablet interface
- ✓ Controls are always upright and easy to read on both sides

# Automatic Compensation is a perfect fit

Hunter's Automatic Compensation enhances speed and accuracy by exactly calculating the position of the compensation solution to eliminate guess work.

**Hunter System**



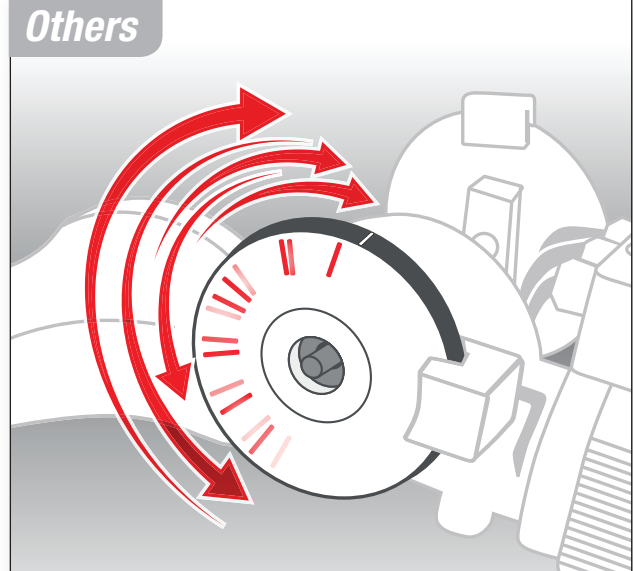
**Direct Compensation**

*Five adjustments in a single revolution!*

**0:12**

**Compensation time averages 12 Seconds**

**Others**



**Wandering Compensation**

*Unpredictable and inconsistent adjustments*

**2:00**

**Up to 2 minutes**

*Hunter System*

*Other Systems*

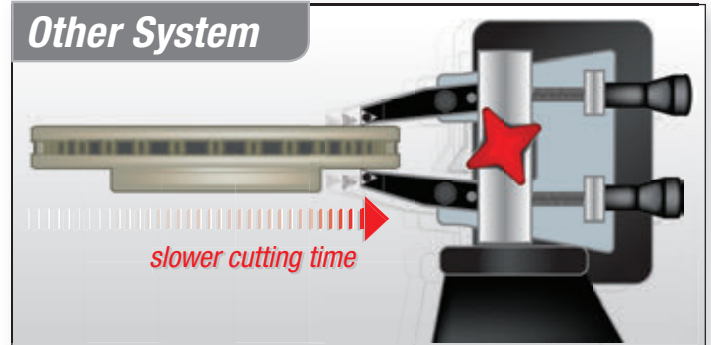
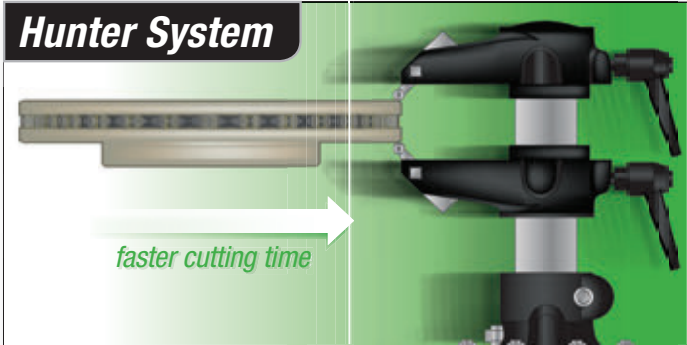


## Accurate every time!

- ✓ Exceeds the most stringent original equipment manufacturer requirements
- ✓ Ensures quality long-lasting brake performance
- ✓ No manual adjustments or dial indicator required!



# Cut twice as fast as other lathes



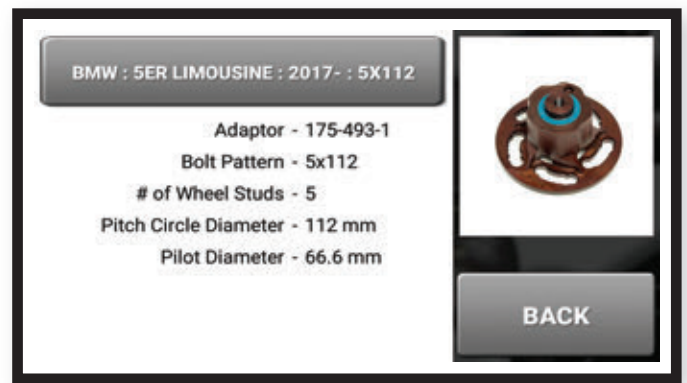
- ✓ Micro-round bits allow fast cuts with superior surface finish
- ✓ Save 8+ minutes per vehicle
- ✓ No stopping to install bands or other devices

# User friendly touchscreen interface



## Operation Screen

Allows full lathe control from tablet



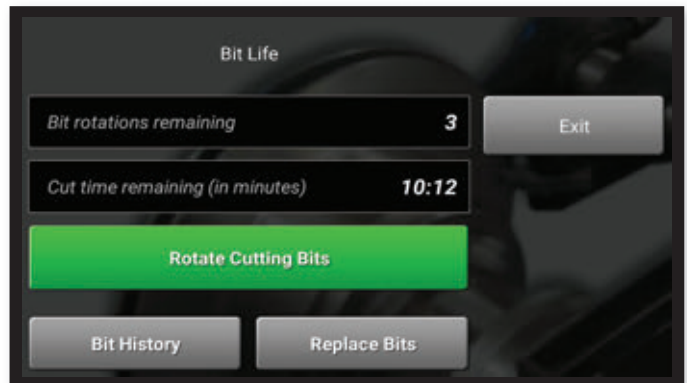
## Vehicle Database

Quickly look up required adaptor



## On-board Training Videos

Get techs up to speed quickly

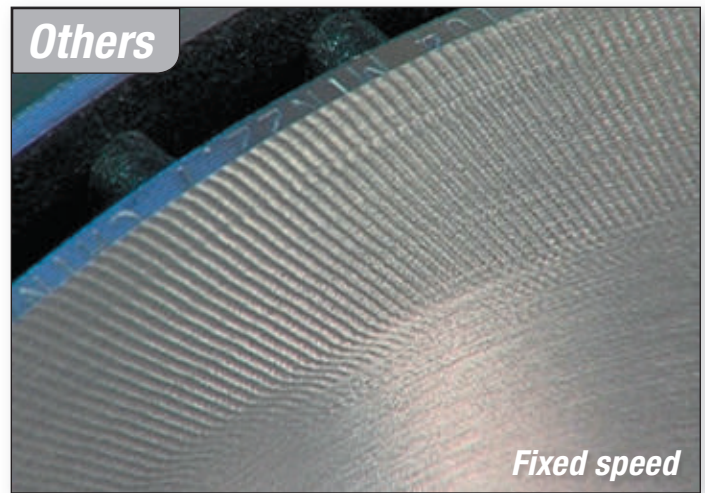
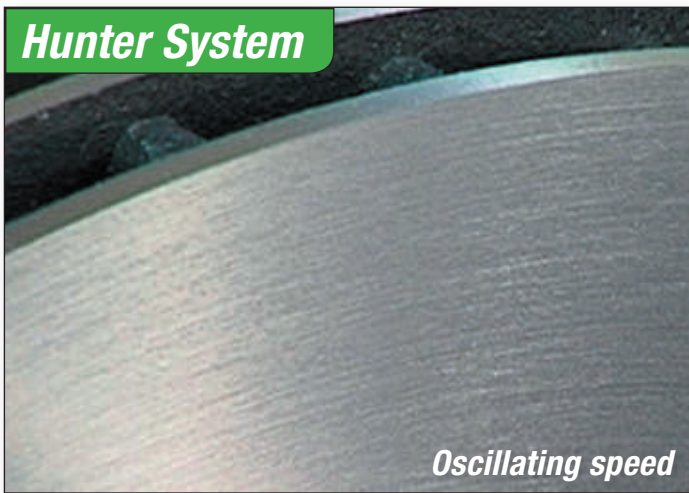


## Bitminder

Efficiently uses cutting bits

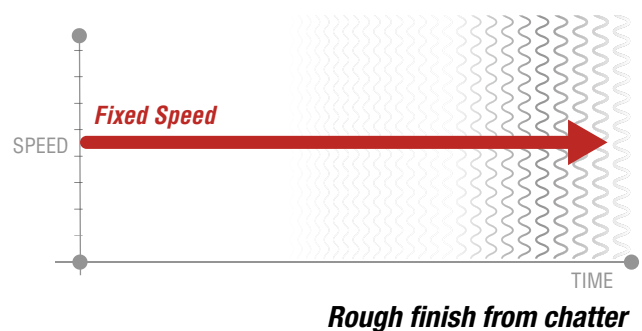
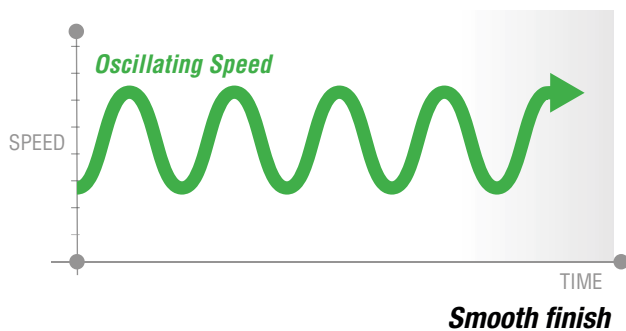
# Anti-Chatter Technology

Anti-Chatter Technology eliminates buildup of vibration — stop chatter before it starts!



Anti-Chatter Technology (ACT) varies spindle speed to keep chatter inducing vibration from starting, resulting in a smoother surface finish.

Vibration is created in the cutter tip when removing metal. Chatter can start when machining rotors at a fixed speed (like when a moistened finger can make a crystal glass sing).



## No need for silencer bands

- ✓ No hazardous bands, clips or silencer belts needed to control vibration
- ✓ Anti-Chatter technology always active
- ✓ By the time the technician hears chatter, it is already too late.



## ***Easily handle difficult vehicles***



### **Powerful Motor**

Avoid need to drop driveshafts.

### **High Speed**

Cut fast and chatter free on most vehicles.

### **Variable Speed**

Avoid locking differential speed on trucks and performance vehicles.

### **Reverse Rotation**

Cut more rotors on high drag vehicles.

**Avoid time and risk of removing drive train components!**



# Expand your brake service capabilities



20-3092-1

## Extended Twin Cutter Tool Assembly

- ✓ Expands the diameter and offset capacity to service larger rotors found on medium-duty vehicles
- ✓ Allows servicing of rear rotors with integral parking brakes commonly found in late model trucks

## Specifications\*

<b>Power requirements</b>	230V, 1PH, 50/60HZ, 15A. (Motor can be configured for 115V, 1PH, 50/60HZ operation upon installation.)
<b>Rotor maximum...</b>	
Diameter	15.75 in. (400 mm) 16.25 (413 mm)**
Thickness	2.75 in. (70 mm) 3.25 (83 mm)**
<b>Feed distance</b>	
Maximum Offset	12.25 in. (311 mm) 15.0 in. (381 mm)**
<b>Spindle speed</b>	Adjustable and automatically variable (ACT), 0-150 rpm
<b>Motor</b>	1.5 hp (1.12 kw) @ 3450 rpm
<b>Overall dimensions</b>	
Lathe	27 in. (L) x 20 in. (W) x 15 in. (H) (686 mm x 508 mm x 381 mm)
Trolley	30 in. (L) x 27.375 in. (W)
<b>Trolley height range</b>	
High-position	24.25 - 40.5 in. (616-1029 mm)
Low-position***	20.25 - 36.5 in. (514-927 mm)
<b>Shipping weight</b>	302 lbs. (137 kg)

\* Some specifications may vary depending on options chosen and application fitment.  
\*\* Expanded size with optional extended twin cutter. \*\*\* Requires optional trolley bracket.

## Models

**ACE-21U-E** AutoComp Elite Lathe: 230V  
LATHE-ACE 230V, 1PH, 50/60HZ (Red)\*  
Includes trolley and standard accessories

**ACE-21U-BLKE** AutoComp Elite Lathe: 230V  
LATHE-ACE 230V, 1PH, 50/60HZ (Black)\*  
Includes trolley and standard accessories

\* Flange Adaptors sold separately.

## Flange Adaptors

<b>175-492-1</b>	4-Lug flange adaptor	<b>175-503-1</b>	5x5.00 in., 6x5.00 in.
<b>175-493-1</b>	5-Lug flange adaptor	<b>175-504-1</b>	6x130 mm, 6x132 mm
<b>175-494-1</b>	5x6.50 in., 5x155 mm	<b>175-505-1</b>	5x8.00 in., 6x8.75 in.
<b>175-495-1</b>	7x150 mm, 8x6.50 in., 8x170 mm	<b>175-506-1</b>	5x105 mm, 6x120mm
<b>175-496-1</b>	8x225 mm, 10x7.25 in., 10x225 mm	<b>175-507-1</b>	8x180 mm, 8x210 mm
<b>175-497-1</b>	6x205 mm	<b>175-508-1</b>	6x8.75 in., 10x8.75 in.
<b>175-498-1</b>	5x130 mm, 5x135 mm, 5x150 mm, 5x160 mm	<b>175-509-1</b>	8x6.50 in., 8x170 mm
<b>175-499-1</b>	3x4.50 in., 3x114.3 mm, 3x115 mm, 6x135 mm	<b>175-510-1</b>	8x225 mm, 10x225 mm
<b>175-500-1</b>	4x5.50 in., 5x5.50 in., 6x5.50 in.	<b>175-511-1</b>	8x275 mm
<b>175-501-1</b>	6x6.50 in., 7x150 mm, 8x6.50 in., 8x170 mm	<b>175-512-1</b>	8x285 mm, 10x11.25 in.
<b>175-502-1</b>	4x5.50 in., 5x5.50 in., 6x5.50 in.	<b>175-513-1</b>	10x335 mm
		<b>175-514-1</b>	8x200 mm, 10x7.25 in.
		<b>175-515-1</b>	8x285 mm, 10x11.25 in.



4-Lug flange adaptor  
**175-492-1**



5-Lug flange adaptor  
**175-493-1**

**HUNTER**  
Engineering Company

[www.hunter.com](http://www.hunter.com)

11250 Hunter Drive, Bridgeton, MO 63044, USA  
Tel: 1-314-731-3020, Fax: 1-314-731-0132  
Email: [international@hunter.com](mailto:international@hunter.com)