

**Pioneer
Eclipse**
An AMANO Company

300BU ULTRA HIGH-SPEED BATTERY BURNISHERS

Delivers best in class burnishing performance and lowest operating costs.

- ✓ Consistent Burnishing Results
- ✓ Up to 3 Hour Continuous Run Time
- ✓ Lowest Cost of Ownership



Featuring:

- ✓ SteadyOne™ Technology – Maintains consistent pad pressure for more consistent burnishing
- ✓ TPPL Batteries - The most reliable on the market

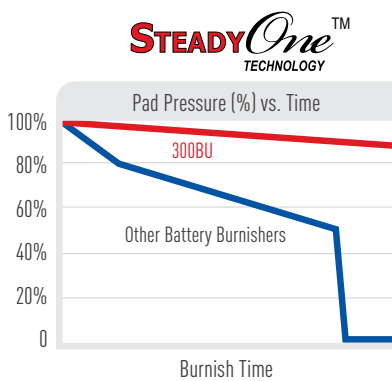
**ASSEMBLED
IN THE USA**



BEST IN CLASS BURNISHING PERFORMANCE

Pioneer Eclipse battery burnishers utilize industry leading technologies with proprietary engineering to deliver best in class burnishing performance.

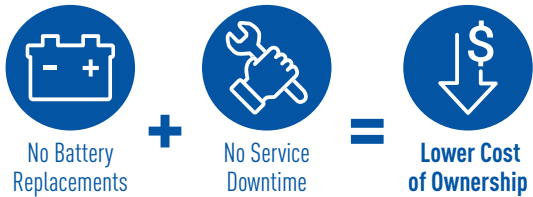
- SteadyOne™ Technology:
Consistent pad pressure throughout the run cycle
 - Advanced fluid drive automatically adjusts deck for constant pad pressure
 - Produces consistent burnishing results
 - Throughout the charge cycle
- Economical (3 x 12V) 36V Battery System:
Lower Cost Of Ownership
 - Uses 1/2 the number of batteries of competing 36V systems
 - Does not sacrifice run time or burnishing performance
- Compact Design & 90° Tilt Deck
 - Provides improved maneuverability in tight areas
 - Easy pad changes
 - Efficient storage
- Optimal Productivity: Up to 3 hours run time



TPPL Battery Technology (Thin Plate Pure Lead) provides many advantages over conventional batteries that directly improve productivity and operating cost.

LOWER COST OF OWNERSHIP

- 3 year battery warranty
- Saves cost by eliminating battery replacements



MOST RELIABLE BATTERY BURNISHER AVAILABLE

- Eliminates downtime related to battery changes
- Rapid/Opportunity Charging
 - Ready to be used whenever needed
 - Conventional batteries need full charge cycle
- No battery degradation
 - Minimal power loss during usage cycle
 - Maintains full run time potential
 - Throughout battery life
- TPPL batteries deliver more power and higher pad speed
- Virtually maintenance free



20" / 24"



27" / 28"

BATTERY TYPE COMPARISON		Lead Acid	Absorbed Glass Mat	Thin Plate Pure Lead
	Opportunity Charging			Best
	Consistent Output			Best
	Cycle Life	Good	Good	Best
	Faster Charge Rate			Best
	Retains Charge In Storage			Best
	Maintenance Free		Good	Good
	Low Cost Of Ownership		Good	Best
	Warranty	1 year	1 year	3 years



Easy Pad Changes



Intuitive Dashboard



Onboard Charger

300BU TECHNICAL SPECIFICATIONS

	300BU20	300BU24	300BU2728
Burnishing Width	20"	24"	27"/28"
Productivity Rate (ft ² /hr)	±26,000	±31,200	±36,400
Voltage	36V DC	36V DC	36V DC
Battery Size - Wet	3 x 12V 228Ah	3 x 12V 228Ah	3 x 12V 228Ah
Battery Size - AGM	3 x 12V 235Ah	3 x 12V 235Ah	3 x 12V 235Ah
Battery Size - TPPL	NA	NA	3 x 12V 210Ah
Operating Time	~3 hrs.	~3 hrs.	~3 hrs.
Onboard Battery Charger	Standard	Standard	Standard
Circuit Protection	50-amp Circuit Breaker	50-amp Circuit Breaker	50-amp Circuit Breaker
Traction Drive	Optional	Optional	Standard
Transaxle Motor	.25 HP 187 W	.25 HP 187 W	.25 HP 187 W
Variable Forward Speed (mph)	≤ 3.3	≤ 3.3	≤ 3.3
Variable Reverse Speed (mph)	≤ 1.5	≤ 1.5	≤ 1.5
Burnish Motor (Continuous)	2.5 HP 1.87 kW	2.5 HP 1.87 kW	2.5 HP 1.87 kW
Pad Speed (Operational)	2000 rpm	1800 rpm	1500 rpm
Adjustable Pad Pressure	25 – 40 lbs	30 – 45 lbs	42 – 54 lbs
Pad Driver	Floating / Flexible	Floating / Flexible	Floating / Flexible
Pad Counterbalance	SteadyOne™	SteadyOne™	SteadyOne™
Dust Collection	Standard	Standard	Standard
90° Tilt Deck	Yes	Yes	Yes
Deck Lift	Automatic	Automatic	Automatic
Machine Pivot Point	Centerline	Centerline	Centerline
Sound Level (dBA)	< 67	< 70	< 70
Vibration Level (m/s ²)	< 2.5	< 2.5	< 2.5
Body	5/16" Polyethylene	5/16" Polyethylene	5/16" Polyethylene
Frame	11-gauge Steel	11-gauge Steel	11-gauge Steel
Wheels	8" non-marking	8" non-marking	8" non-marking
UL Listed / CE Approved	Yes / Yes	Yes / Yes	Yes / Yes

DIMENSIONS

Weight w/o Batteries (Pad Assist / Traction)	240 lb. / 260 lb.	253 lb. / 272 lb.	NA / 255 lb.
Battery Weight, per Battery (Wet / AGM / TPPL)	126 lb. / 140 lb. / NA	126 lb. / 140 lb. / NA	126 lb. / 140 lb. / 131 lb.
Length (Storage / Operating)	49" / 58"	49" / 61"	52" / 62"
Deck Width	22"	26"	29"
Height	45"	45"	45"

WARRANTY

Body	10 years	10 years	10 years
Batteries (Wet & AGM / TPPL)	1 year / 3 years	1 year / 3 years	1 year / 3 years
Parts	3 years	3 years	3 years