

## **ICAN** FloorCrafter Improvements



DESIGN IMPROVEMENTS

Upgraded cord and twist lock plug.

Added a stamped serial label.

Upgraded to heat treated motor mount pins to prevent stripping.

Upgraded the pulleys to zinc finish to prevent rust.

Tensioner handle machining process improved.

Added a directional label for the tensioner handle.

Improved design to the belt guard door hinge for more consistent assembly. Upgraded the rear caster assembly to include a staked nut and an elasta-nut. Upgraded the front edge bumper to a bolt on design.

## **UPPER ROLLER**

Tensioner QA process improved by inspecting subassemblies prior to installation.

Upgraded spring and added graphite to improve tensioner response.

Tensioner adjustment can be made with a hex head or open end wrench.

Tightened the specification tolerance to eliminate variation between upper rollers.

Supplier QA process improved to eliminate loose pins.

Manufacturing process changed to prevent the spur from warping.





## VIBRATION

Upgraded the rubber mold to improve drum quality. Precision balancing process upgraded and moved to the Sparta factory. Improved materials and specifications on the fan and drum belts.



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## FUILL IMPROVEMENT LIST

CHANCE     DESCRIPTION       Upgraded cord and twist lock plug     Improved direction     Improved direction       Added a stamped serial label     Improved direction     Accurate product identification       Upgraded the pulleys to zinc finish     Revents nust     Revents nust       Tensioner handle machining process improved     Revents nust     Revents nust       Upgraded the rear caster assembly to include a staked nut and an elaste-nut     Revents nust     Revents nust       Upgraded the rear caster from tedge bumper to a boll on design.     Improved duality     Revents the edge bumper from fait       Upgraded the front edge simproved by inspecting subassembles prior to installation     Improved quality     Revents the edge bumper from fait       Upgraded spring and added graphite to improve tensioner response     Improved quality     Improved quality       Upgraded spring and added graphite to improve tensioner response     Improved quality     Improved quality       Supplier OA process improved to eliminate loose pins     Improved quality     Improved quality       Quegraded the nobler mode to improve drum quality     Improved quality     Improved quality       Supplier obsection to adapted prove drum quality     Improved quality     Reduced vibration       Upgraded and moved to f		
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I nut and an elasta-nut mblies prior to installation oner response open end wrench ion between upper rollers ion between upper rollers copents ac parts fspec parts from the supply chain of spec parts from the supply chain f spec parts from the supply chain process p coress p cores	Upgraded to heat treated motor mount pins	Improved durability - prevents the bolts from stripping
I nut and an elasta-nut amblies prior to installation ner response open end wrench ion between upper rollers ion between upper rollers ion bets sc parts rum belts sc parts from the supply chain of spec parts from the supply chain f spec parts from the supply chain process p l installation	Upgraded the pulleys to zinc finish	Prevents rust
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Allows for more consistent a   Improved quality Improved quality   process Prevents drum damage dur   p Proper operator set-up   Improved quality Improved quality   Improved quality Improved quality   Int installation Prevents the bolt from back   Allows for more accurate he Allows for more accurate he	Improved supplier inspection process to eliminate out of spec parts from the supply chain	Improved quality
Improved quality   process Prevents drum damage dur   p Proper operator set-up   p Improved quality   Improved quality Improved quality   olt installation Prevents the bolt from back   Allows for more accurate he Allows for more accurate he	Built a new assembly fixture for the motor capacitor box	Allows for more consistent assembly
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process Prevents transport base wa   p Proper operator set-up   Improved quality Improved quality   Int installation Prevents the bolt from back   Imbly Allows for more accurate he	Modified torque spec for drum assembly	Prevents drum damage during assembly
p Proper operator set-up   Improved quality Improved quality   Installation Improved quality   Prevents the bolt from back Allows for more accurate he	Added a cooling fixture to the transport base assembly process	Prevents transport base warpage
Improved quality Improved quality Installation Prevents the bolt from back Allows for more accurate he	Added operator instructions for feathering handle set-up	Proper operator set-up
Improved quality olt installation Prevents the bolt from back Allows for more accurate he	New variacs purchased for the manufacturing line	Improved quality
tallation Prevents the bolt from back Allows for more accurate he	Supplier manufacturing improvement on the tool pouch	Improved quality
	Manufacturing improvement to the feathering handle bolt installation	Prevents the bolt from backing out during operation
	New equipment to measure head pressure during assembly	Allows for more accurate head pressure settings

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