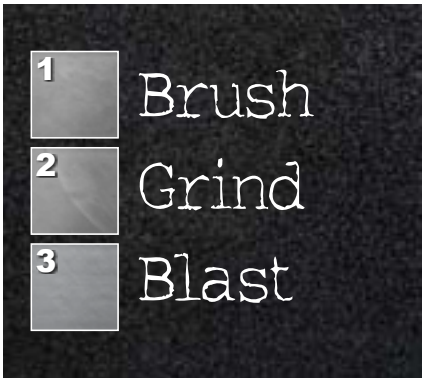
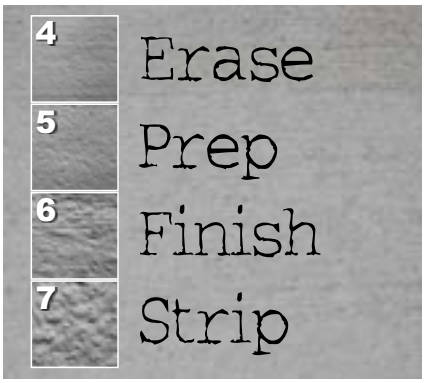
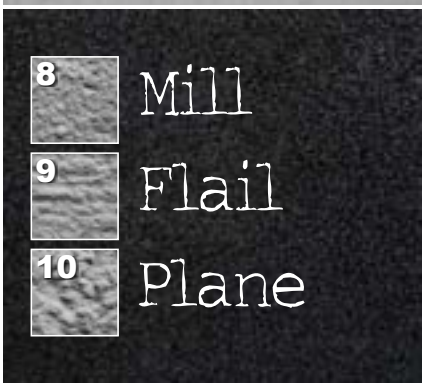






Managing These 12 Steps Helps You Remove Faster with Consistent Profiles When Preparing Concrete or Asphalt Surfaces

1. Select the right equipment and cutter drum assembly for the desired surface profile (1-10) specified and consistently perform in the "cutter impact zone" (narrow cutting edge position to the surface).

2. Inspect chassis, drive, power and cutter drum components for wear, loose or malfunction, and replace prior to use with stock OEM parts. Stock extra cutter drums and wear parts on the job to reduce downtime.

3. Reduce the causes for vibrations by replacing worn drive, cutter components and reducing depth-of-cut on uneven or hard surfaces.

4. Ensure cutter drums are in balance, correctly spaced and aligned to prevent uneven wear, binding or breakage.

5. Prevent hard-drop cutter drum starts with soft-lowering mechanisms, and inspect that reactive cutter surface depth and pitch angle control mechanisms are properly set and operational.

6. Ensure the equipment travel speeds and cutter drum rotational speeds are not excessive for the cutter, equipment or surface. Always decrease or increase the cutting impact force required for desired cutter wear, removal performance and surface finish.

7. Prepare for any surface or material inconsistencies with the correct cutter styles, cutter drum rotation, depth and pitch settings, forward/reverse travel feed rate, cutter to surface exposure ratio and if required a sweeping side-to-side motion to achieve surface profiles.

8. Always remove in shallow depths with multiple passes when working on uneven and/or hard surfaces.

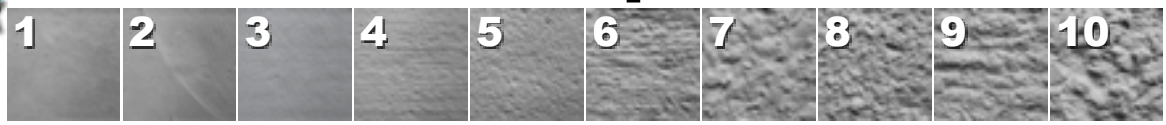
9. Control the lateral shear force loads outside the cutter impact zone that may cause cutters to wear, bind or break prematurely.

10. Prevent overheating components and coatings from continuous removal operations.

11. Ensure all removed materials evacuate from the cutter housing to prevent buildup and the cutters from contacting the surface.

12. Perform a test strip to dial in the right surface profile and cut depth. Log results and verify for approval prior to starting job.

Daily Job Log for Preparing Concrete and Asphalt Surfaces



Date	Prepared by:	Time Start	Time End
Supervisor Name/Experience (1-4)	Operator 1/Experience (1-4)	Operator 2/Experience (1-4)	Mechanic/Experience (1-4)
Equipment Make/Model#	SN	Engine Make/Model#	SN
Equipment condition (A-F)	Bearings & Drive Condition (A-F)	Total Machine Hrs.	Other list here
Engine Condition (A-F)	Total Engine Hrs.	RPM Drum Speed	Other list here
Cutter Drum PN	Cutter Type /PN	Cutter Spacing (F, M, C, XC)	Cutter Qty
Total Cutter Drum Hrs.	Cutter Condition (A-F)	Drum Condition (A-F)	Other list here
Dust Control, Vacuum Make/Model#	SN	Vacuum condition (A-F)	Total Vacuum Hrs.
Operator Safety Rating	Safety Equipment (list)	PPE (list)	Other (list)
Job #		Job location	
Surface Type (A, C, S):	Surface Condition (A-F) /Age (yrs.)	Coating Material Type (to Remove)	Coating Material Thickness (to Remove)
Coating Material to Install	Required SP Range (1-10)	Actual SP (1-10)	Tests for SP #, Surface Cleanliness and Dryness (list)
Removal Type (Prep, Erase, Groove, Shave)	Depth (mils)	Depth/Pass	Surface Temperatures / Surface Dryness
Work discrepancies (list)	Sketches and digital photos (all work)	Rework Details (list)	Repair work approved (By/Date)
Actual Removal SF (Total)	Required Removal /Day (SF)	Does equipment/cutters meet requirements	Final job approval time and date
Supervisor Comments:		Inspector Comments:	