



CHALLENGER 1 | SCM 100

TRACTOR FRONT MOUNT SWEEPER



**SMITH
CHALLENGER**
MANUFACTURING & SERVICES, INC.



SMITH CHALLENGER

HEAVY DUTY POWER BROOMS

CHALLENGER 1 | SCM 100 DETAILS

- Heavy duty construction for long life and less maintenance
- Horse power requirements: 40 to 60 HP
- Hydraulic Brush Drive
- Sweeping Angle: 40 degrees right -0- 40 degrees left (HYD)
- Weight: approximately 1400 lbs
- Oil capacity: 24 gallons (varies slightly per tank design)
- Brush frame lift: approximately 36"
- Brush: 77.5" (100% poly or 50%poly/50%wire)
- 35" diameter tube style brush
- Grease fittings and replaceable bushings at all pivot locations
- Self cooling oil reservoir
- PTO driven pump – 3000 psi rated PTO pump / gear box
- Dirt deflector

SPECIAL FEATURES

- Unique brush float system - Patent Pending
- Highest brush lift in the industry
- Original quick change brush system
- Two minute brush change requiring no tools.
- Reduces downtime on the job site!

OPTIONS

- Water mist system
- Variable Brush Speed RPM
- 89.5" brush length
- Custom tires and wheels for tractor
- Customized engine air filtration
- Single Point Greasing System
- Rear mount scrape blade
- Customized A/C inlet filter
- Work lights front and rear
- Backup alarm
- Tractor can be outfitted to meet your specifications

CALL 866-548-5869

or visit SmithChallenger.com for a video demonstration.



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email sales@SmithChallenger.com for any questions.