

Application Story

HARNESSING THE WIND WITH SCAG WINDSTORM

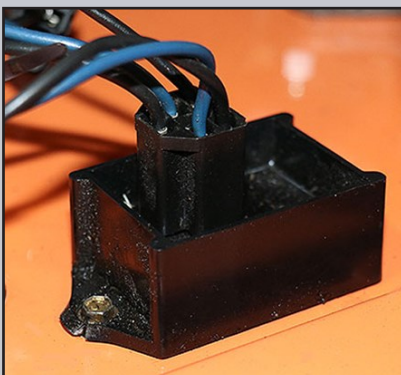
The SCAG Windstorm is an ultra-compact, agile, comfortable, and stable stand-on commercial blower. SCAG's exclusive "Nozzle Direction System" (NDS) provides focused control of the air discharge's tilt and rotation, allowing the user to direct the powerful airflow exactly where and when it is needed. Unlike other blowers that continuously run when the engine is on, the Windstorm features an Ogura PTO Clutch that allows the user to turn the blower on/off as needed with the ease of a PTO switch. All of this is driven by a 37 horsepower Briggs and Stratton Vanguard Big Block EFI engine, delivering huge power, along with exceptional efficiency and dependable performance.



SCAG Windstorm

With its excellent handling, stability, and quality, the SCAG Windstorm truly is the ultimate stand-on blower. The user is able to adjust the horizontal rotation up to 180° and the vertical tilt to 16°. The Windstorm also provides massive air output up to 6000 effective CFM (cubic feet per minute). This massive and targeted airflow provides incredible ground clearing force on a variety of surfaces and terrains. Even the best backpack blowers or smaller wheeled blower can produce only about 2500 CFM. Based on this number, the SCAG Windstorm provides at least double the power of its smaller cousins. The Windstorm can travel up to 10.5 miles per hour in forward speeds and up to 5 miles per hour in reverse to maintain a safe and productive work schedule. There is also a spacious operator platform with coil suspension that delivers a smooth ride and reduces operator fatigue.

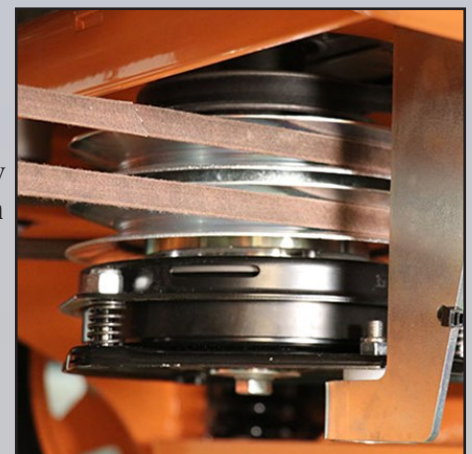
Windstorm uses the Ogura GT 3.5 (250 foot pound) PTO clutch. The Ogura clutch effectively engages and stops the Windstorm impeller smoothly and safely in any condition or operation. The Windstorm can be started/stopped inside trailers, in residential areas, during transport, etc. - wherever needed without having to engage the blower until it's required. Ogura's adjustable "air-gap" on the Windstorm clutch also ensures long component life, serviceability, and accurate operation. Ogura's SoftStart accurately senses the exact point at



Ogura Soft Start Module

which the friction surfaces of the clutch make contact, automatically reducing the electrical current to allow the clutch to safely "slip" repeatedly, but not fully release. With this "feathering" of Windstorm's clutch, the following key benefits are achieved:

- (1) SoftStart eliminates any "engagement jolt" previously felt by machine and operator,
- (2) lessens the harshness and force on mechanical parts,
- (3) reduces potential wear and breakage of belts, and
- (4) eliminates engine stall and RPM droop.●



Ogura PTO Clutch/Brake