

ON THE JOB

Ogura innovative applications



Straw blower with trailer option.

Mulching over a newly seeded lawn with straw helps to preserve the loss of soil moisture, offers shading protection for grass seedlings and helps to prevent soil erosion. Spreading the straw by hand over small areas may be okay for a home owner, but when professional landscapers need to cover large areas it requires special purpose equipment to do a quality job.

To address this need, several OEM's have developed engine driven straw blowers which can produce uniform and quick coverage for newly seeded areas. These machines can pay for themselves by reducing manpower and the time needed to finish a job.

The straw blower uses a 20 hp air-cooled engine with electric

start. The engine drives a dynamically balanced, 17 inch blower, which develops an air velocity of, greater than 160 mph and can shred and blow up to 3 bales of straw in less than one minute. (It also works well to make confetti for New Year's Eve.)

The blower wheel is driven by an Ogura #513247



Skid mounted straw blower.

clutch through two "A" section V-belts. This clutch is rated at 250 ft lbs and although 20 hp at 3600 rpm with a 3.0 service factor, produces a required torque of about 88 ft lbs, the extra capacity is needed to overcome the blower wheel inertia and the additional force required to convey the straw.

The straw blower has a 6" discharge spout that can be

rotated 360° horizontally and 70° vertically. The normal range of the blower is 45 feet in still air. A thirty or fifty foot blower hose option is also available. The discharge range at the end of the blower hose is rated at up to 25 foot.

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The Ogura #513247 clutch offers ease of installation because it is a bearing mounted field design, which only requires the torque tab to be loosely restrained from rotating. A bolt, washer and key are the only other components required to easily mount this clutch.

This clutch has tackled other difficult applications including, but not limited to, stump grinders, concrete saws, grain augers, agricultural and turf care equipment.

There are many other engine driven applications where the addition of an Ogura clutch will add value and convenience to an OEM's products.