



Maximize productivity and reduce the number of haul trucks

The Maxon SURGECRETE, available in Stationary, Towable or Mobile versions, is THE surge hopper designed to reduce haul truck cycle times, ensure quality product to the contractor, and maximize delivery system productivity.



The oversized hopper of the SURGECRETE accepts a full load of material including concrete, Roller Compacted Concrete (RCC), soil cement, rock, sand or dirt from any haul truck (or directly from a central mix concrete plant), and meters the material to belt conveyors, buckets, or concrete pumps with controlled accuracy. The Maxon SURGECRETE allows trucks to quickly discharge their entire load at maximum speed and return for another load, eliminating the time normally spent metering the material at the placing site. The SURGECRETE, with its twin flight screw and infinitely variable speed discharge belt, maintains a continuous flow of material to the belt conveyor/bucket/pump, eliminating the wasted down time between one haul truck leaving and the next truck preparing to discharge.

Features

Capacity 15 cubic yards (12 m³) struck

Shell 1/4" (6.35 mm) ExTen 50 abrasive resistant steel with 1/4" (6.35 mm) ExTen 50 liners.

Auger Twin flights, 36" (915 mm) diameter, bi-rotational variable speed to pull material to center of hopper

Auger Drive Two Bonfiglioli heavy duty direct drive planetary gear cases.

Applications

■ Concrete

■ RCC

■ Aggregate

■ Sand

■ Soil

SURGECRETE

Features:



Large Hopper

15 cubic yard (12 cubic meter) capacity Surgecrete allows dump trucks, Agitors, and ready-mix trucks to discharge complete loads at maximum speed, maximizing haul truck productivity. The surge capacity ensures placing activities are never slowed waiting for the next truck to arrive.

36" Hopper Auger

Bi-directional, variable speed 36" (915 mm) diameter auger has hard faced flights for extended life. Unique auger flights move material to center of hopper where the hydraulically operated discharge gate meters material on to the discharge belt conveyor.



Central Operator Platform

Convenient location for Operator provides close observation of Surgecrete charging, discharging, and final placing equipment from a single position. All hydraulic controls are conveniently located at Operator's finger tips.



36" Discharge Conveyor

Hydraulically operated variable speed conveyor matches the placing speed of pumps or conveyors, maximum productivity. Surgecrete rapidly discharges concrete, RCC, soil cement, rock, sand or dirt.

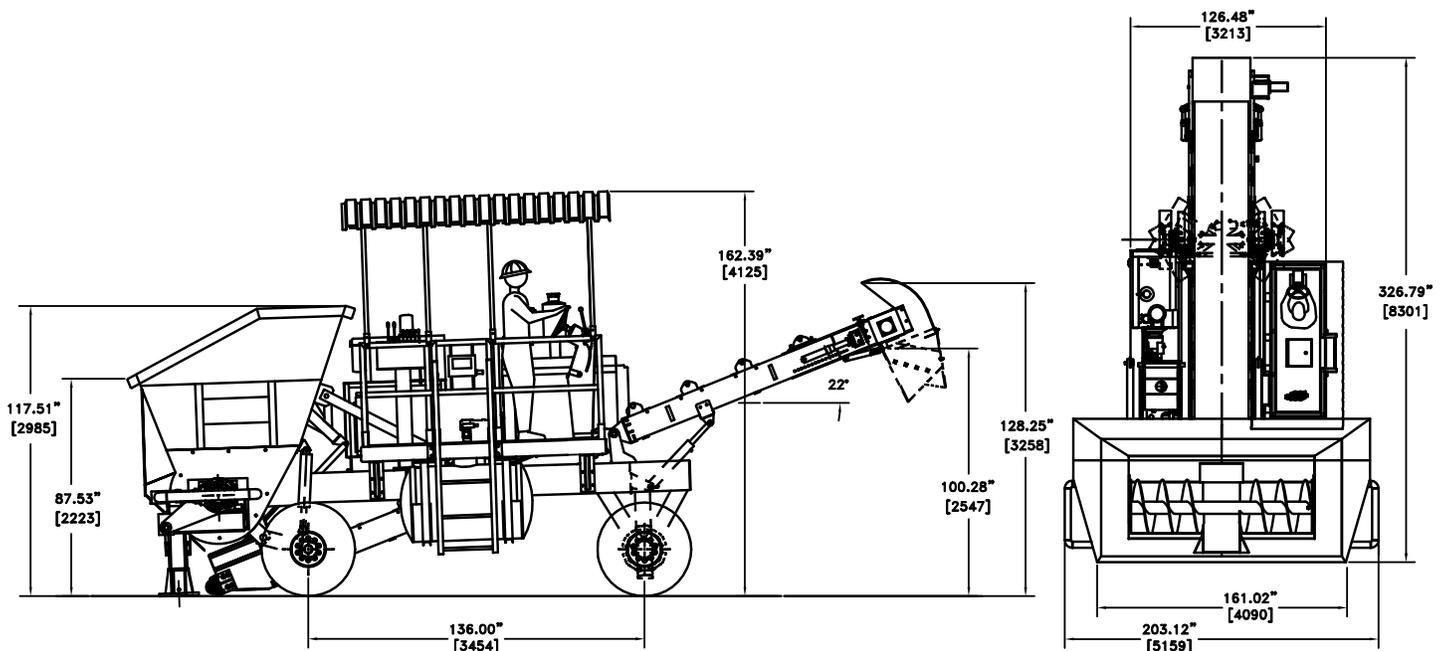
Portable Surge Hopper

Available in three Configurations - Stationary, Towable and Mobile:



Specifications:

Capacity	15 cubic yards (12 cubic meters)	Weight	
Dimensions (Towable and Mobile Configurations)	Height	Stationary	12,500 lbs (5670 kg)
	Width	Towable	14,800 lbs (6713 kg)
	Length	Mobile	16,500 lbs (7484 kg)
Shell	¼" (6.35 mm) Ex-Ten 50 abrasive resistant steel with ¼" (6.35 mm) Ex-Ten 50 liners	Auger	36" (915 mm) dia., twin-flight, bi-rotational, variable speed
Gate	24" (610 mm) wide hydraulically operated	Auger Drive	Two Bonfiglioli direct drive planetary gear cases
Belt Conveyor	36" (915 mm) width x 20' (6.1m) long Infinitely variable up to 6 yds ³ (4.8m ³)/min.	Vibrator	Twin hydraulically operated
		Diesel Engine	John Deere 4045HF Diesel 115 HP (86 Kw)
		HP	



(NOTE: Mobile Surgecrete depicted)

Applications:



Above: Mobile Maxon Surcrete accepts concrete from truck mounted Maxon Agitors while simultaneously feeding Putzmeister Telebelt.



Above and right: Trailer-Mounted Surcrete accepts soil cement while simultaneously feeding 24" charge belt of Crawler Placer allowing continuous placing.



Left: Stationary Surcrete at hydroelectric project continuously accepts soil cement from pugmill above while feeding dump trucks.

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