



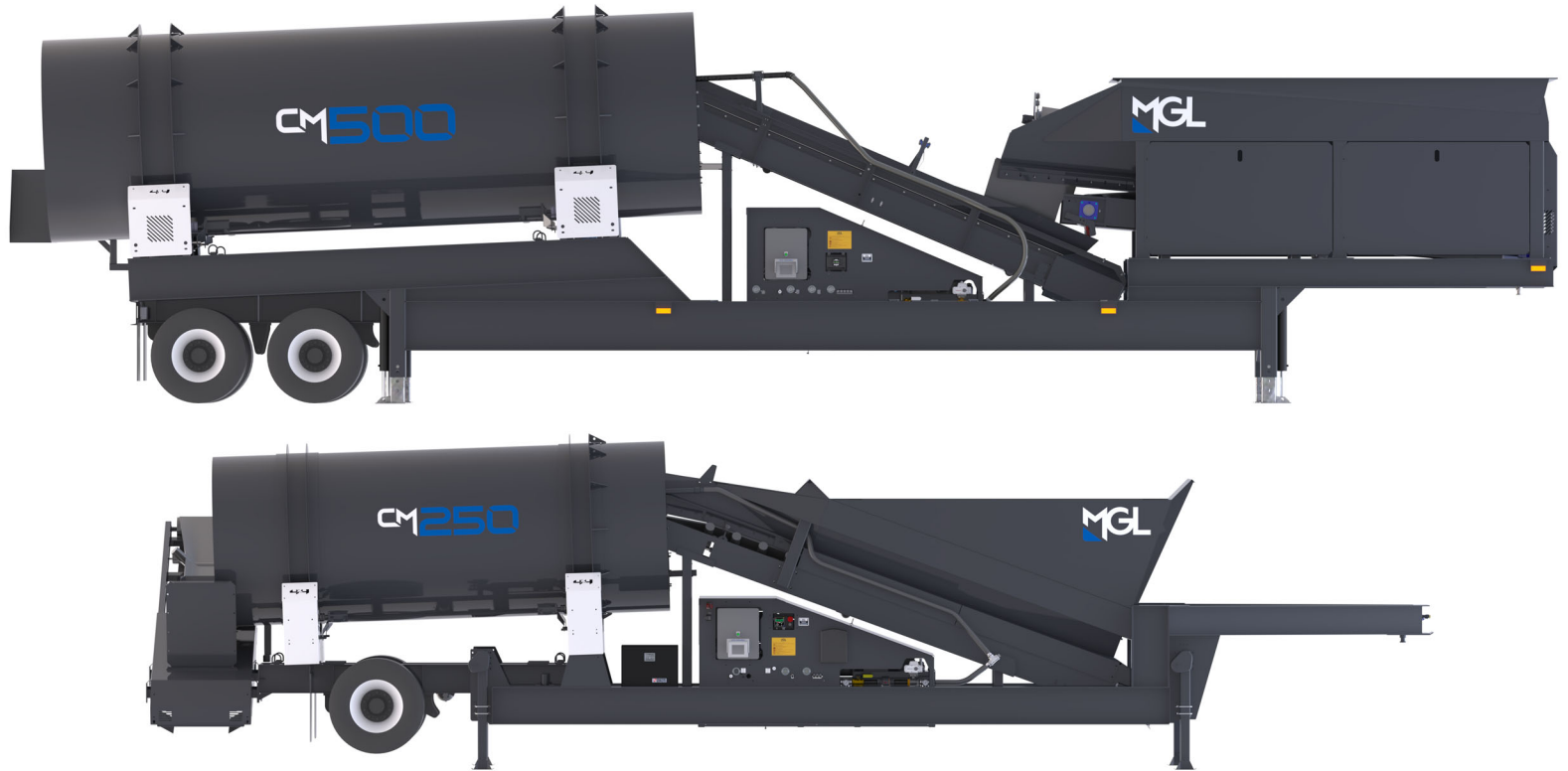
MULCH COLORING

& COATINGS

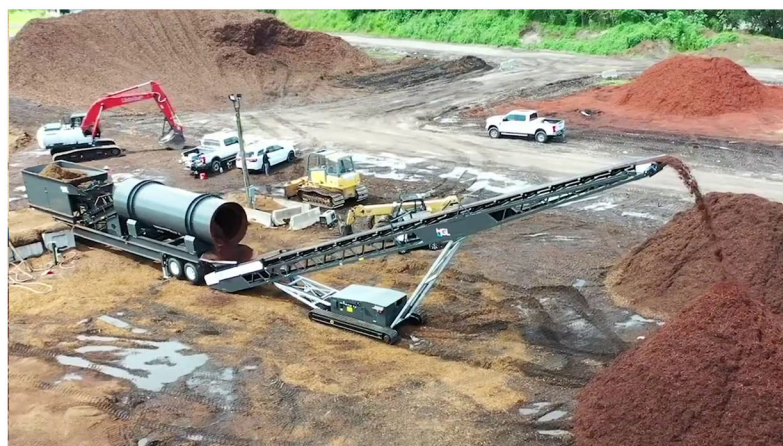


MGL
ENGINEERING

Features & Benefits



- High throughput capacity (200 to 600 YPH)
- Dye/water injection automation and reporting
- Extra heavy-duty construction
- High Capacity hopper for use of large loader bucket
- Anti-bridging agitator in hopper for seamless operation
- Low in-feed height
- Self-Contained diesel/hydraulic as standard
- Controlled feed rate for accurate volume measuring
- Four-wheel-driven mixing drum
- High flow plug-resistant spray nozzles
- Height/level adjustment for quick set up
- Road portable via semi tractor



Automation Cost-Benefit

Annual Operating Cost

■ Dye Usage: \$0.80/lb, 3.5 lb/CY

■ Fuel Usage: 3 GPH @ \$4/Gallon

■ Machine Payment: 60 months

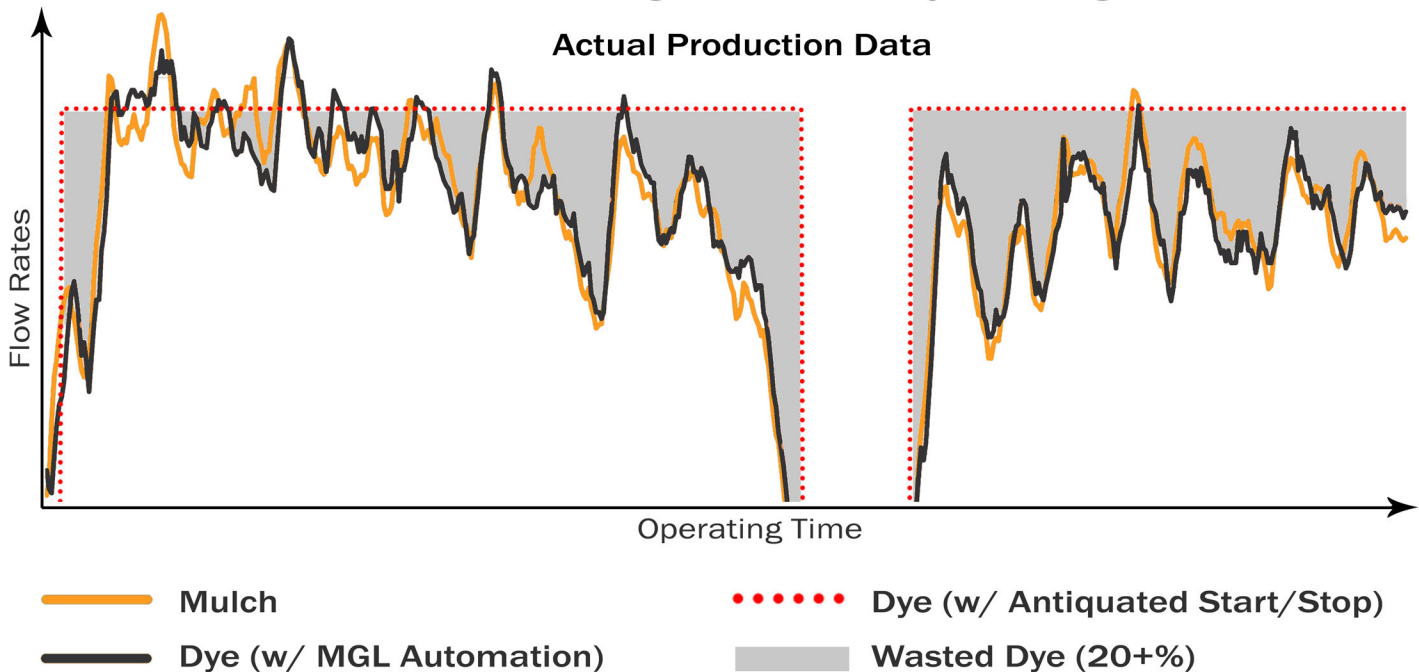
■ Maintenance



100,000 CY/Yr @ 250YPH = 400 hrs run time
\$3.05/CY with machine payment
\$2.49/CY without machine payment

200,000 CY/Yr @ 500YPH = 400 hrs run time
\$2.86/CY with machine payment
\$2.46/CY without machine payment

Mulch Throughput VS. Dye Usage



General Dimensions

Length (working)	44' 6"	53'
Width (working)	15' 11"	8' 6"
Height (max. working)	11' 10"	14' 6"
Length (transport)	44' 6"	53'
Width (transport)	8' 6"	8' 6"
Height (transport)	13' 6"	13' 6"
Weight (approximate)	28,000 lbs.	45,000 lbs.

Feeder

Capacity	9 CY	14 CY (20 CY w/ optional extension)
Min. feed height	9'	11' 6"
Belt width	42"	48" Feeder, 48" Incline
Drive	Direct planetary	Direct planetary
Belt type	Chevron, Vulcanized	3 Ply, Vulcanized
Anti-bridging agitator	Standard	Standard
Mulch volume measuring (automation)	Measuring occurs on feeder/incline belt	Standard
Belt cleaner	NA	Urethane blade

Power Unit / Hydraulics

Engine make and model	Kohler KDI 1903 TCR	Kohler KDI 2504 TCR
Engine rating	56 HP / 165 lb.-ft. (No DEF or DPF)	74 HP / 221 lb.-ft. (No DEF or DPF)
Reversing radiator fan	Standard	Standard
Hydraulic oil cooler	Standard	Standard
Main mechanical functions	Manual hydraulic valves	Manual hydraulic valves
Feeder speed	Adjustable (manual flow control)	Adjustable (manual flow control)
Drum drive	4-wheel-drive	4-wheel-drive
Height/level adjust	4 independent manual jacking legs	4 independent hydraulic jacking legs
Diesel tank capacity	36 gallons	44 gallons
Hydraulic tank capacity	75 gallons	92 gallons

Discharge Conveyor

Length	15'	NA
Belt width	32"	NA
Discharge height	8' 8"	NA
Discharge direction	Reversible	NA

Coloring Drum

Length	16'	23'
Diameter	6'	7' 2"
Orientation	Hybrid (decline and screw)	Hybrid (decline and screw)
Spray bar	High flow, low pressure	High flow, low pressure
Throughput capacity	200-300 YPH	400-600 YPH

Under Carriage

Mainframe	Heavy-duty I-beam and structural tubing	Heavy-duty I-beam and structural tubing
Axle	Single 22,500 lbs.	Tandem 22,500 lbs. (each)
Road towable	Semi tractor king pin	Semi tractor king pin
Brakes	Standard	Standard
Lights	Wireless	Wireless

Options / Availability

Power (option 1)	Electric (480 V 3-phase)	Electric (480 V 3-phase)
Power (option 2)	NA	Cummins QSF2.8 (74 HP / 221 lb.-ft.) (No DEF or DPF)
Hopper extension	NA	20 CY