



Groundwork

CHALLENGER 1500 GUARDRAIL POST PLACER



Introduction

Groundwork supplies the CHALLENGER 1500 Post Placer, designed to lay out and disperse piles on your Guardrail Post mechanically, reducing labour on site.

With this machine, operators do not need to physically load and unload piles. The 1500 is equipped with a powerful arm and magnet to pick up and place a Guardrail Post in the correct location.

The Challenger 1500 is controlled using the supplied wireless remote operator.

A GPS guidance system (Optional) can also be fitted to the 1500 for easy navigation around your job site, placing posts in the correct location, ready for the Challenger Guardrail Pounder.

Extendable and retractable
telescopic arm

A GPS guidance system (Optional)
can also be fitted to the 1500 for easy
navigation around your job site based
on your survey CAD plans.

Powerful magnet to pick
up and drop piles

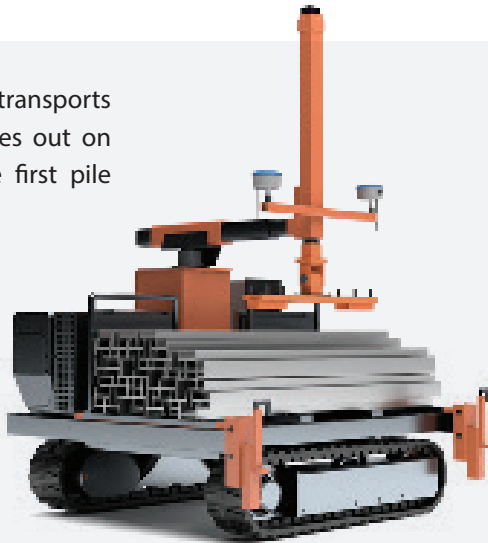
Piles are stacked for easy
transportation around
your work site



4 Step Process

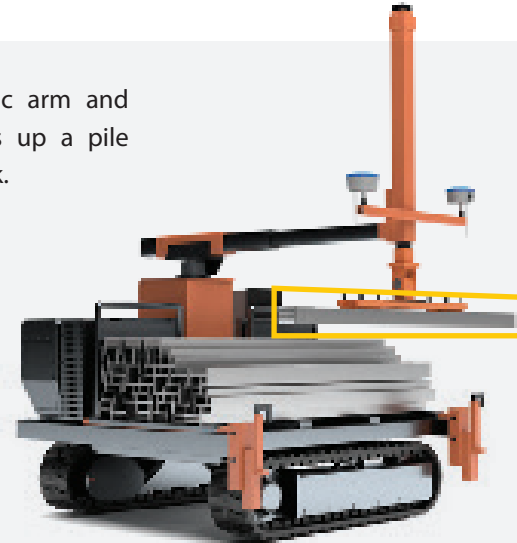
1

The 1500 transports the stacked piles out on the site to the first pile location.



2

The telescopic arm and magnet picks up a pile from the stack.



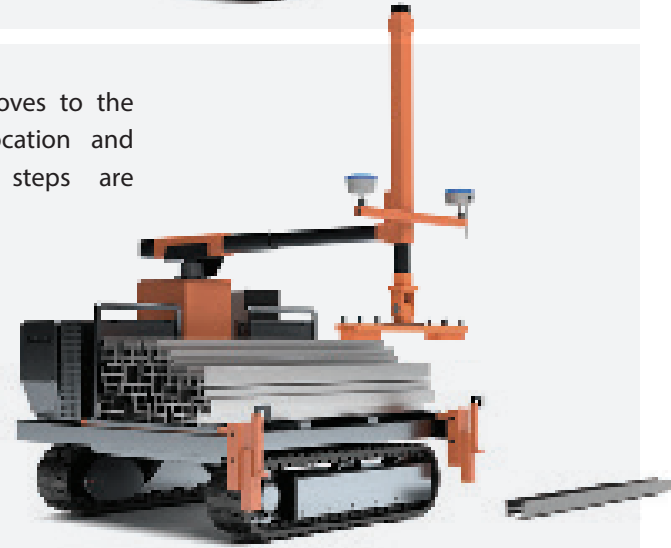
3

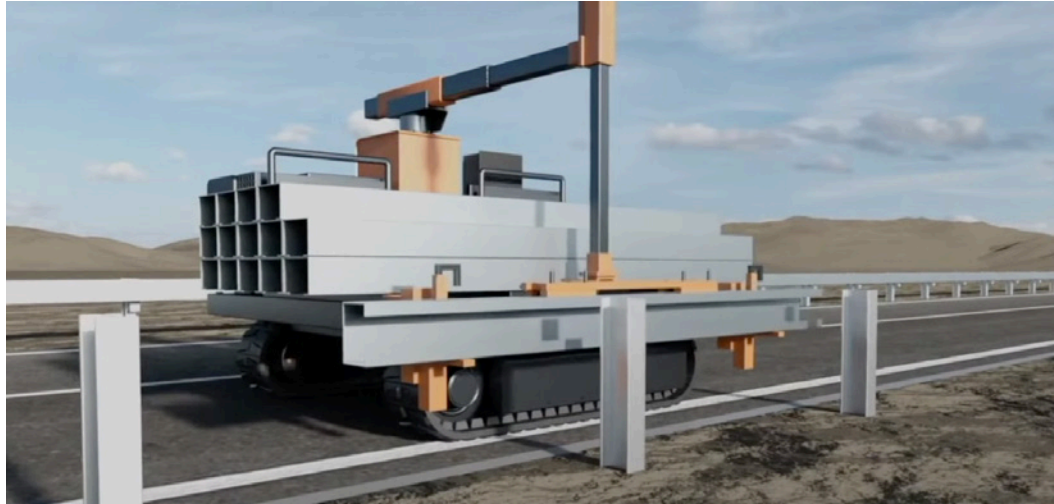
The pile is unloaded and placed on the ground at the desired location.



4

The 1500 moves to the next pile location and the above steps are repeated.





SPECIFICATIONS

	1500 - 1	1500 - 2
Tracks:	Self-propelled tracked machine with rubber tracks soundproof diesel engine 48HP Tier 4	
Translation speed:	2-4 km/h / 1.2 – 2.4 M/h	2-4 km/h / 1.2 – 2.4 M/h
Maximum pump flow:	78 L/m / 17 G/m	78 L/m / 17 G/m
Maximum working pressure:	Mpa 15 / 2175 PSI	Mpa 15 / 2175 PSI
Oil tank capacity:	75 L / 16 G	75 L / 16 G
Fuel tank capacity:	75 L / 16 G	75 L / 16 G
Remote Control working time:	10 hours	10 hours
Arm:	Hydraulic movement arm with magnetic head. Suitable for I Beam.	
	Max 150KG / 330 Lbs	Max 204KG / 450Lbs
Dimensions: L x W	3000mm length x 2200mm width / 9.85' length x 7.22' width	3500mm length x 2200mm width / 11.48' length x 7.22' width
Maximum load allowed:	4500 Kg / 9920 Lbs	4535 Kg / 10,000 Lbs
Weight:	2.95 tonne (3.25 ton)	4.5 tonne (4.9 ton)
Maximum beam length (approx)	20 ft / 6m	25 ft / 7.62m

* Specifications subject to changes