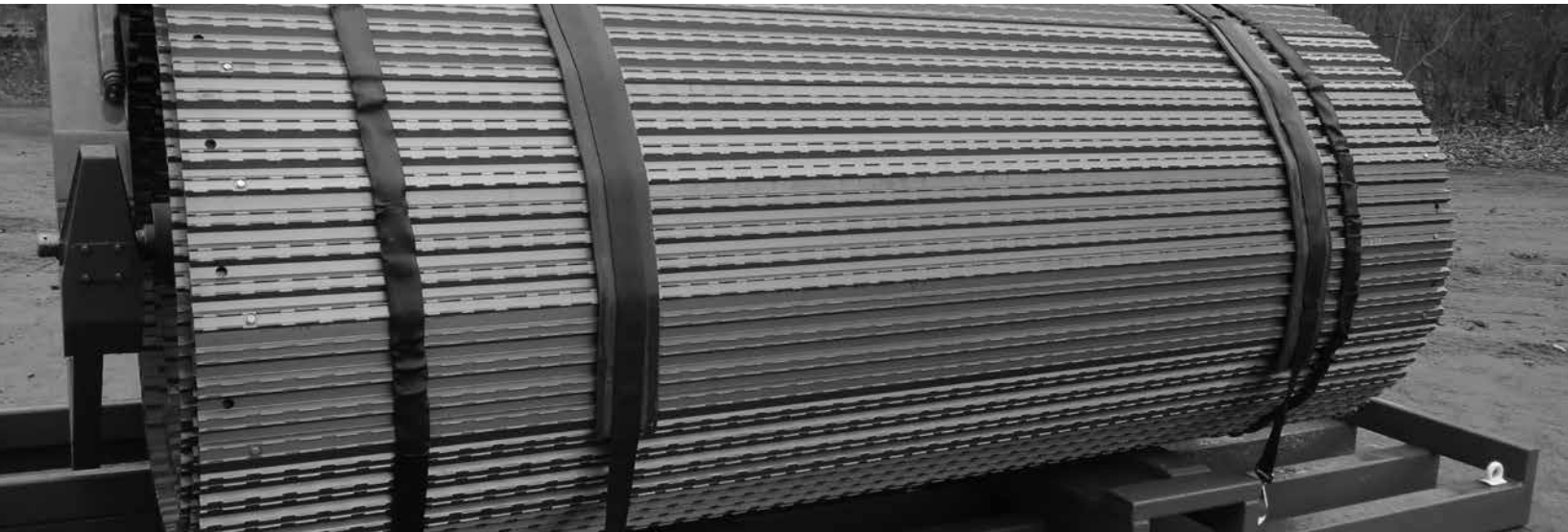


TECHNICAL INFORMATION

HGMS M150 BEAM DISPENSER



M150 TRACKWAY®

CAPABILITY

M150 Trackway®;

- ▶ Provides clear access on rough terrain, and beyond the surf zone to the shore.
- ▶ Is suitable for all vehicles that require access on and off the beach landing craft.
- ▶ Can be deployed and recovered quickly and efficiently from the M150 Trackway® Container by use of a Rough Terrain Container Handling (RTCH) vehicle.
- ▶ Is designed to be constantly reused and has a long operational life.
- ▶ Is a modular system comprising of single aluminum panels connected by male/female joints and secured by locking pins. Individual panels can be easily removed or replaced as required.
- ▶ Has half panels every 5m (16ft 4"); which facilitate easy splitting and joining to create the length of M150 Trackway® required.



SPECIFICATION

M150 Trackway®:

- ▶ Can withstand temperatures ranging from -40°F to +140°F for maximum usability.
- ▶ Does not float and therefore is suitable for use in flowing water.
- ▶ Is 100% recyclable and has residual value at the end of its useful life.
- ▶ Is easily cleaned due to the open nature of the profile, minimizing retention of mud and debris.

DIMENSIONS

M150 Trackway® is available in two widths. Each roll comprises of 200 panels and ten spare locking pins. It is secured using two transit straps.

M150 Trackway® (3.3m width)		
Part Number	5865170	
Optional Spool Part Number	5865178	
	Metric	Imperial
Width	3354mm	11ft
Length	40m	131ft 3"
Height	31mm	1.2"
Area	134m ²	1444ft ²
Weight	3,060kg	6,769lbs
Weight/Area	22.9kg/m ²	4.7lbs/f ²

M150 Trackway® (4.2m width)		
Part Number	5865171	
Optional Spool Part Number	5865179	
	Metric	Imperial
Width	4200mm	13ft 9"
Length	40m	131ft 3"
Height	31mm	1.2"
Area	168m ²	1808ft ²
Weight	3,840kg	8,489lbs
Weight/Area	22.9kg/m ²	4.7lbs/f ²



OPTIONS

- ▶ M150 Trackway® anodized or powder coated to your color specification.
- ▶ [5253497](#) Green and white sighting rods to aid accurate deployment, six recommended.
- ▶ [5865172](#) M150 Trackway® Anchorage kit to secure the Trackway® on inclines.

5865172 C40 Trackway® Anchorage Kit		
Part	Item	Quantity per Kit
5670041	Holdfast Strap	2
5262631	Holdfast Anchor Stake	12
5262629	Holdfast Chain	4
5246216	Steel Shackle (Swl 2 Ton)	8
5253926	Sledge Hammer 6.4Kg	1

M150 DISPENSER

CAPABILITY

M150 Dispenser;

- ▶ Is a plant mounted deployment, transportation, recovery and storage system for M150 Trackway®.
- ▶ Is mounted via a custom adapter plater and quick release coupling to a Front-End Loader or rough terrain Tele-handler with suitable lifting capacity, fitted with auxiliary hydraulic connections.
- ▶ Will deploy 40m of M150 Trackway® in less than three minutes which are coiled onto an interchangeable spool at the center of the dispenser and recovers 40m of M150 Trackway® in less than five minutes.
- ▶ Requires two personnel - one plant operator and one ground guide.
- ▶ Ensures that the Trackway® is deployed under constant tension when driving the Front-End Loader or rough terrain Tele-handler forwards to prevent rucking and bow waves and recovered hydraulically when reversing.
- ▶ Requires simple, periodic maintenance which offers a reduced whole life cost.
- ▶ Can be mounted to tele-handlers telescopic forklifts and wheeled loaders subject to specification.
- ▶ Facilitates fast deployment of multiple sections of Trackway®. An empty spool can be released and replaced with a full spool ready for deployment in less than five minutes.
- ▶ Is supplied in RAL 2011 Safety Orange as standard.
- ▶ Withstands ambient temperatures ranging from -40°F to +140°F.



SPECIFICATION

- ▶ Steel construction with hydraulic motor (minimum requirement 40l/m, 210bar).
- ▶ Suitable for mineral oil and biodegradable oil.
- ▶ Operated by the host plant control system, additional controls are not required.
- ▶ Connected to the host plant using quick hitch and quick release hydraulic couplings. Electrical connections are not required.
- ▶ 100% recyclable components.



OPTIONS

- ▶ M150 Dispenser painted to your colour/specification.
- ▶ Manual recovery kit.

DIMENSIONS

M150 Dispenser is available in two sizes; includes 40m M150 Trackway and spool.

M150 Dispenser (3.3m width) with 40m M150 Trackway® spooled		
Part Number	5865173	
	Metric	Imperial
Width	4105mm	13ft 6"
Length	1600mm	5ft 3"
Height	1120mm	3ft 8"
Weight	4,310kg	9,502lbs

MGMS-BD LITE

To minimise system weight the MGMS-BD LITE is **not** fitted with hydraulic rotation, resulting in a horizontally fixed beam, this being suitable for the majority of open site operations.

- ▶ The spool is locked in place on the Beam Dispenser by secured manual locking levers.
- ▶ The spooling in and out of the Trackway® is controlled by the driver via the auxiliary hydraulic circuit of the host machine.

Like the MGMS-BD system the MGMS-BD LITE also carries up to 40m of M150 Trackway®.



M150 Dispenser (4.2m width) with 40m M150 Trackway® spooled		
Part Number	5865174	
	Metric	Imperial
Width	4950mm	16ft 3"
Length	1600mm	5ft 3"
Height	1120mm	3ft 8"
Weight	5,390kg	11,883lbs

M150 DISPENSER SHIPPING FRAME

CAPABILITY

- ▶ Stores and transports M150 Dispenser with one full spool of 40m M150 Trackway®.
- ▶ Fits inside an ISO 20ft container.
- ▶ Loaded by crane, tele-handler or forklift.
- ▶ Comprises one accessory box, tie down points, lifting points and forklift pockets.

DIMENSIONS

The M150 Dispenser Shipping Frame is compatible with both sizes of M150 Dispenser.



M150 SPOOL SHIPPING FRAME

CAPABILITY

- ▶ Stores and transports up to two full spools of 40m M150 Trackway®.
- ▶ Loaded by crane, tele-handler or forklift.
- ▶ Comprises one accessory box, tie down points, lifting points and forklift pockets.

M150 Dispenser Shipping Frame		
Part Number	5296034	
	Metric	Imperial
Width	5150mm	16ft 11"
Length	2100mm	6ft 11"
Height	1530mm	5ft 0"
Weight	1,250kg	2,755lbs

DIMENSIONS

M150 Spool Shipping Frame (suitable for both widths of M150 Trackway®)		
Part Number	5865191	
	Metric	Imperial
Width	2490mm	8ft 2"
Length	3200mm	10ft 6"
Height	1700mm	5ft 7"
Weight	1,600kg	3,527lbs





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