

For more information,
please visit our website:



DWG files of all our
machines are available
upon request.



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LAND & WATER

Innovation. Inspiration. Results.



PLANT HIRE GUIDE

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ABOUT LAND & WATER



Dear Customer,

It is a pleasure to introduce Land & Water Plant Ltd.

Land & Water was formed from our original holding Company MHJ Ltd which was founded by Richard Melhuish and Robert Hindley Jones in the late 1960's. They were early adopters of the very first long reach excavators and by the mid 1970's they were designing and maintaining lakes and waterways with Hymac 580 BT and 580C long reach machines. The earliest concept of the organisation has always been (and continues to be) to excel in the environment where, quite literally, Land and Water meet.

By the time I started driving long reach machines in the early 90's there were around 5 machines in the fleet. As the business expanded, so too did our passion for innovation and continuing improvement. We started working with a design engineer who drew up our own long reach arms because at that time, the machines we required were just not available elsewhere. The fleet and the business continued to grow steadily from its early grass roots.

The world has now changed, we have the largest and most extensive fleet of long reach excavators available for hire. All our plant is now sourced from the original equipment manufacturers and is owned, managed and maintained to the very highest standards that our customers expect and deserve.

Our fleet however isn't just about our core product, I am proud to reflect that we also have the UK's most extensive fleet of specialist and inland marine equipment in the UK. I am yet, in over 20 years of working at Land & Water to find a job we were unable to provide the equipment to solve our customer's needs.

Our marketplace does not stand still, legislation gets ever stricter, price, quality and market forces help us continually introduce ever safer, greener, faster and more cost effective solutions to our customer's needs. Innovation is our passion. We actively involve ourselves by asking our customers what we could do to improve our equipment further and we in turn feed this back to our equipment manufacturers to help shape the machines of the future.

In the time our business has been operating, we have built up a wealth of knowledge and experience which all prospective customers have the opportunity to experience. Our advice is free and impartial, as are "on site" visits which we like to do for more complicated activities.

Our business simply would not be what it is today without our people. I am proud to say we have a fantastic team of hire specialists, back office staff, maintenance engineers and managers who all strive to ensure we offer the very best levels of service to our customer.



Director,
Land & Water Plant Ltd.

REACHING HIRE STANDARDS

Our slogan of "Reaching Hire Standards" refers to our customers' entire hire experience from their initial enquiry through to the final invoice. It also refers to the high standard and quality of our equipment but also to the amount of 'extras' that are included within our standard equipment specification. These extras attempt to meet all customers' requirements, with a strong focus on environmental issues such as CO₂ emissions, new 'Greener' engines, better fuel economy, improved safety and high quality Panolin biodegradable hydraulic oil, all as standard.

We will provide all of our customers with:

- Fast Polite Service provided by experts in our field
- A Bespoke Cost Effective Solution
- Written Quotes with no hidden extras
- Site Visits

- Full Haulage / Mobilisation Service
- 100% OEM built, CE Certified Equipment
- Lowest Emission Engines Possible
- High Grade Biodegradable Hydraulic Oils
- Hose Burst Check Valves
- High & Low Flow Auxiliary Circuits
- Wider Track Pads for lower ground bearing pressures
- Cab Guards
- Keypad Immobiliser Systems
- Seatbelt indicator Beacons (Green)
- On-board Telemetry
- Certificated Lifting Eyes (On Excavators)
- Operators' manuals and lifting cert for all equipment (Where applicable)

SAFETY FIRST

At Land & Water we take the safety of our operators and all of our customers' site employees extremely seriously and are always looking for ways to improve our processes and systems and the equipment that we provide to our customers to ensure that we are continually pushing boundaries to ensure a safer working environment for all.

Our Equipment is available with the following:

- Reversing & 360° Cameras
- Hose Burst Check Valves
- Cab Guards
- Wider Track Pads for lower ground bearing pressures
- Seatbelt indicator Beacons (Green)
- Height Limiters
- Slew Restrictors
- Safe Load Indicators
- Secondary 'Dead man' Systems

- FOPS & ROPS Cabs
- Boom Cameras (No need for a banksman)
- Direct to pin mounting of all buckets (No quick hitches)

All of our operators will:

- Hold 'Blue' CPCS cards for the class of equipment that they are operating
- Be CPCS Lifting Operations trained
- Be fully trained in waterway safety
- Have completed in-house training on specific items of equipment such as Amphibious Excavators
- Have completed in-house training on attachments
- Been fully inducted and have watched our series of in-house training DVDs
- Have full PPE issued to them by us from our approved audited suppliers
- Work with our clients making suggestions on methods of working more efficiently but still safely

CUSTOMER SUPPORT

We offer our customers a truly nationwide service with depots and hubs throughout England and we know that the last thing our customers want is to have to keep a list of our contact numbers to be able to reach us and that is why we have centralised all of our operations into our Head Office in Surrey. Our customers need only ring our national low call rate number and we will ensure that the right member of our team can deal with their enquiry there and then. We don't expect our customers to know where their local depot is or the nearest haulier, that's our job.

We offer all of our customers:

- A quick and friendly response to all incoming calls by staff that are experts in their field (No call centres)
- A quick response to email enquiries by a member

of our team and not an automated reply

- Written quotes emailed with equipment specification sheets, normally within 20 minutes of the enquiry
- Free no obligation site visits
- Full mobilisation service and site appraisals for all equipment that requires craning
- Option for customers with their own transport to provide their own haulage
- Haulage from and back to the most local depot to your site by audited approved hauliers
- A 24 hour response team in case of breakdowns whilst working night shifts (No call centres)
- Fitter response by our own fitters or direct from the equipment manufacturer

OUR CUSTOMERS

Although we have the largest fleet of Long Reach Excavators and specialist road transportable marine equipment for hire in the UK we still aim to give all of our customers the individual attention that is often lost when dealing with larger companies.

Our customer base ranges from smaller fisheries and estates through to major 'Blue chip' companies, councils and national organisations and we value each and every one of them, ensuring that they all get the attention and service that they deserve.

We proudly serve:

Quarrying Sector

- Aggregate Industries
- Bardon Aggregates
- Breedon Aggregates Ltd
- Brett Aggregates
- CEMEX
- Lafarge Tarmac

Government Bodies & Organisations

- Anglian Water
- Ashford Borough Council
- Blackpool Council

- Canal & River Trust
- Cardiff County Council
- The Environment Agency
- Natural England
- Natural Resources Wales
- Norfolk Broads Authority
- RSPB

Cross Hire Partners

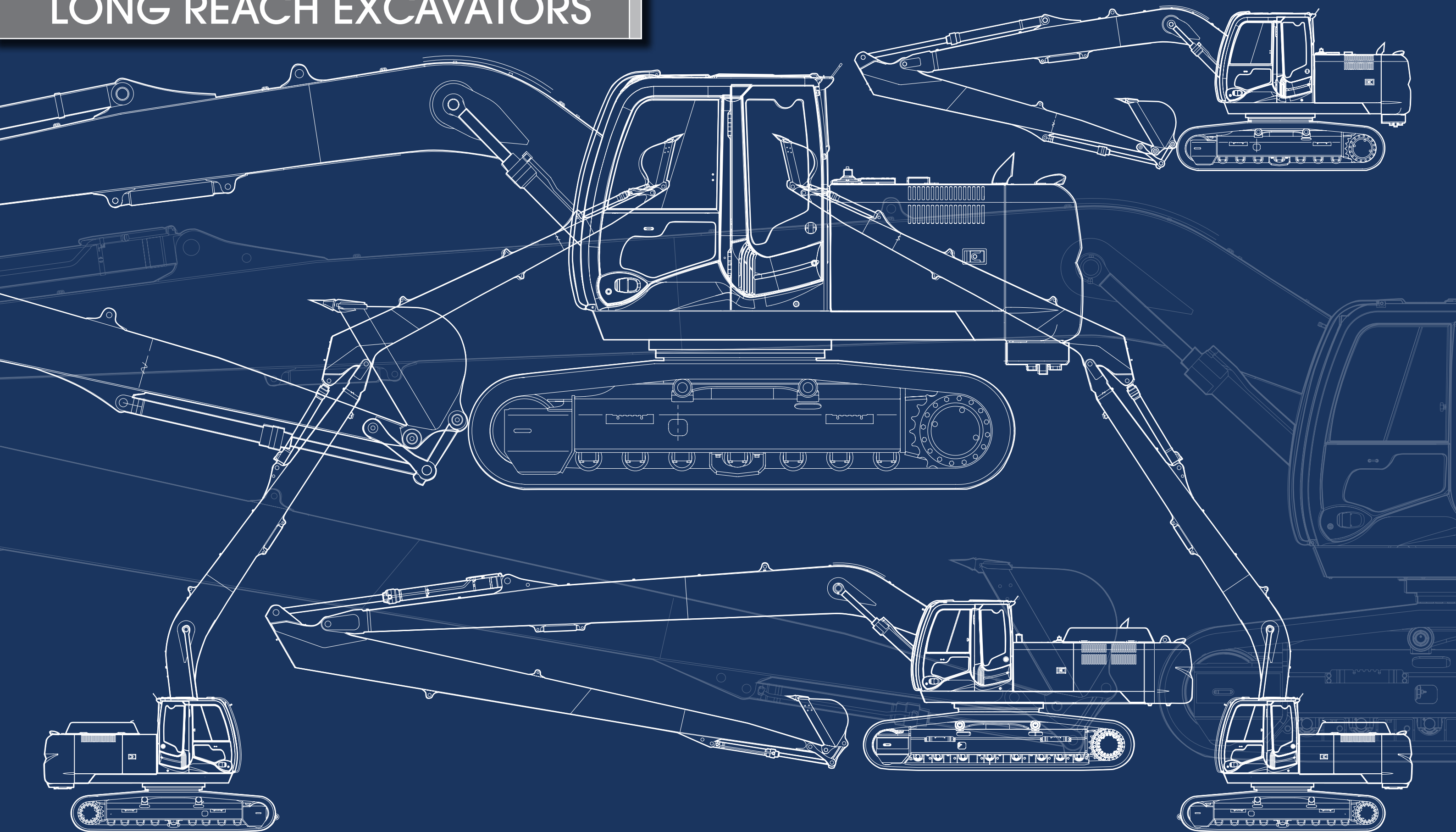
- Ashted Plant Hire
- Hewden Hire
- One Call Extra
- P. Flannery Plant Hire
- Speedy Hire Services
- Volker Group

Major Construction & Blue Chip Companies

- Alfred McAlpine Projects
- Balfour Beatty Group
- BAM Group
- Barhale Construction
- Birse Civils
- Select Plant
- Jackson Civils

And the list continues

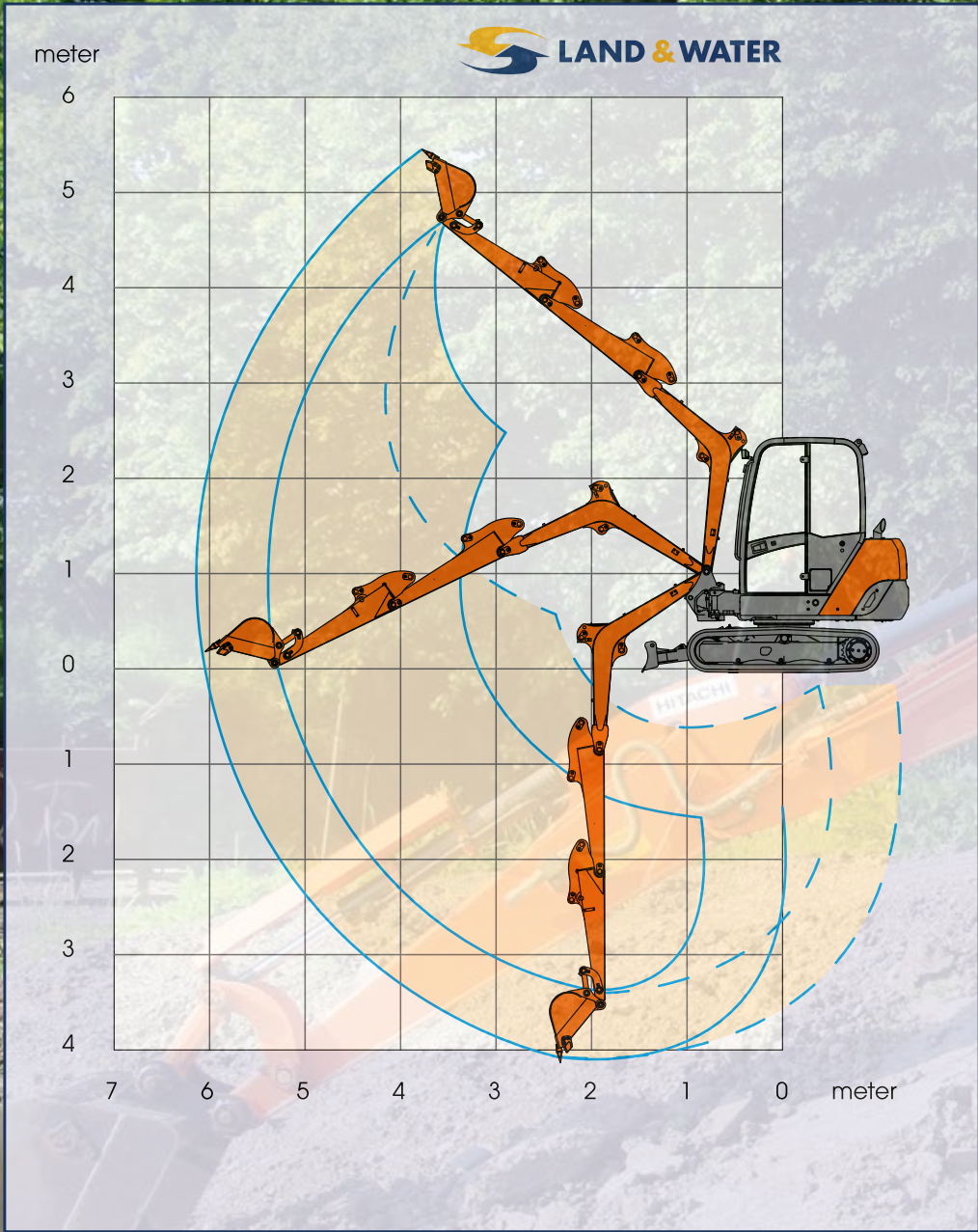
LONG REACH EXCAVATORS



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3 TONNE LONG REACH



OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M ³
3 Tonne Long Reach	2.4m	4.3m	1.5m	6.1m	4.2m	5.2m	0.1m ³

With 6m outreach, rubber tracks and a blade this compact yet powerful Long Reach Excavator is ideal for working on tight sites, basement excavations, canal and riverbanks and anywhere where access is restricted. This excavator can also be adapted to fit onto a narrow beam dredger. Even though the excavator has been made specifically for applications where space is at a premium operator safety and comfort has not been compromised.

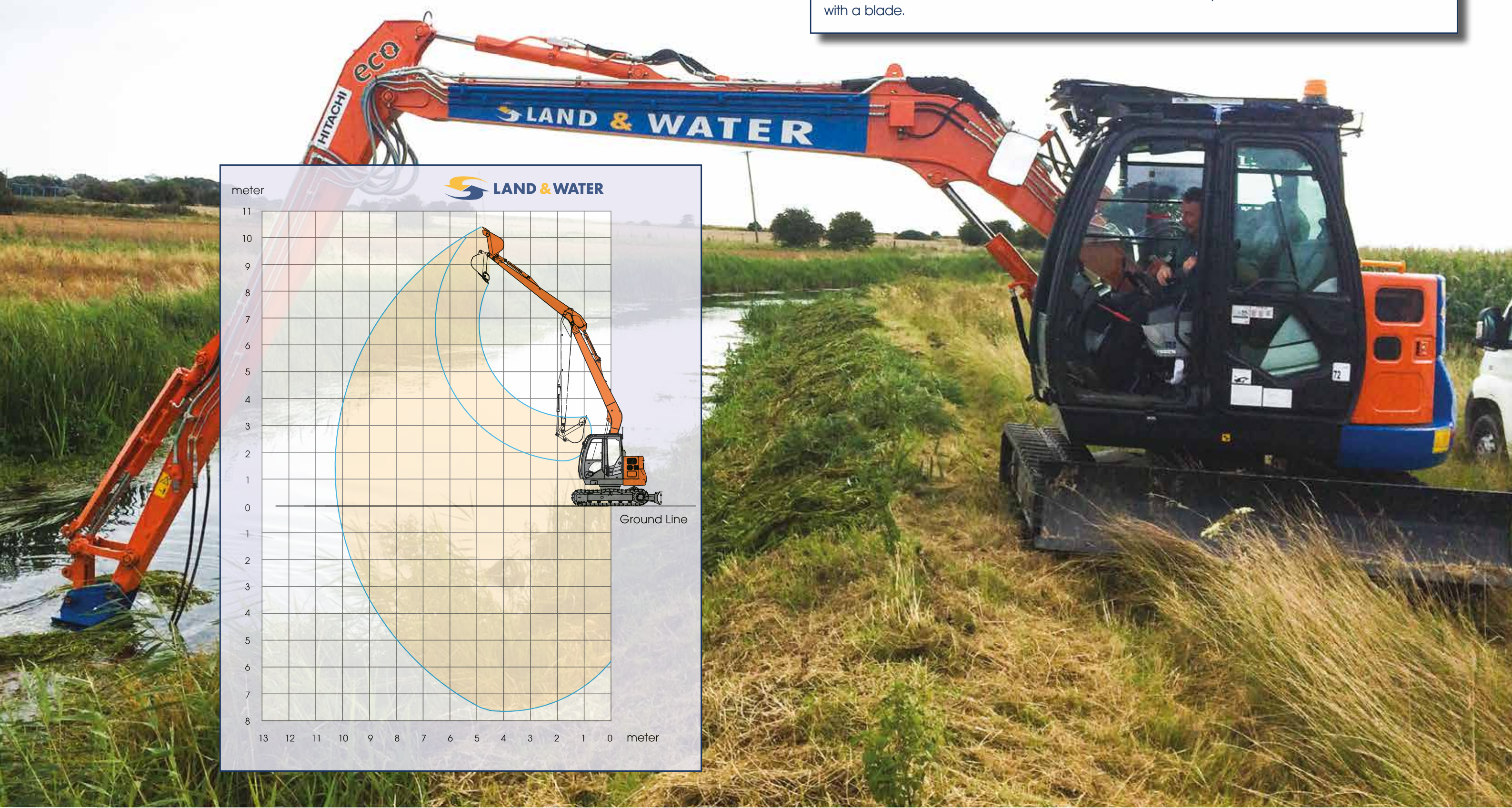
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9.5 TONNE LONG REACH

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
9.5 Tonne Long Reach	2.6m	8.09m	2.3m	10.3m	7.8m	10m	0.4m³

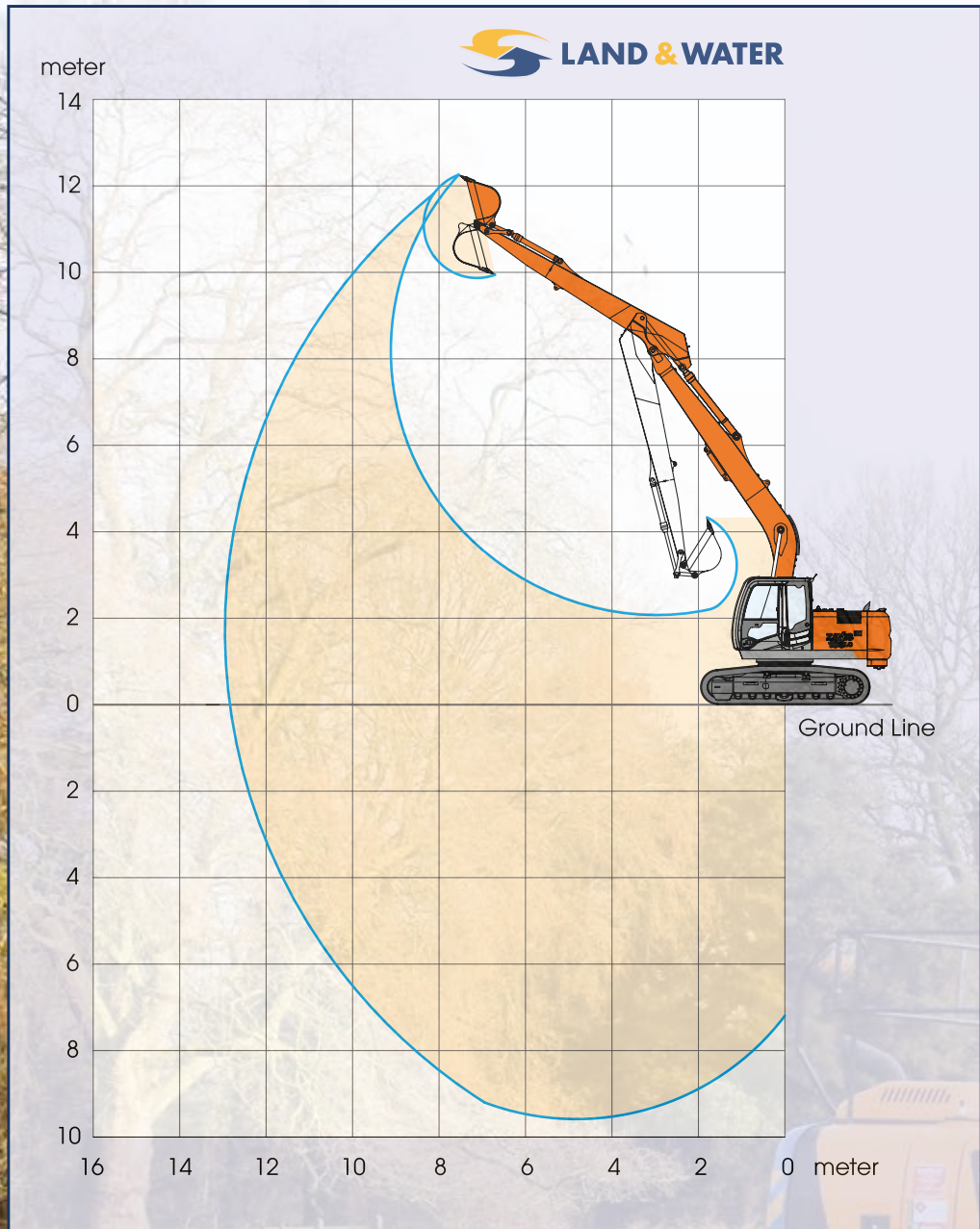
With 10m outreach, these compact long reach excavators offer an unrivalled reach on a mid-sized machine. These excavators are fitted with tarmac friendly rubber tracks and are also fitted with a blade.



17 TONNE LONG REACH

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M ³
17 Tonne Long Reach	3.08m	10.5m	2.7m	12.86m	9.58m	12.26m	0.4m ³

Some of the lightest Long Reach excavators of their class, which can access smaller sites and still provide superb productivity.



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24 TONNE LONG REACH

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
24 Tonne Long Reach	3.24m	12.75m	3.29m	15.5m	11.69m	13.59m	0.6m³

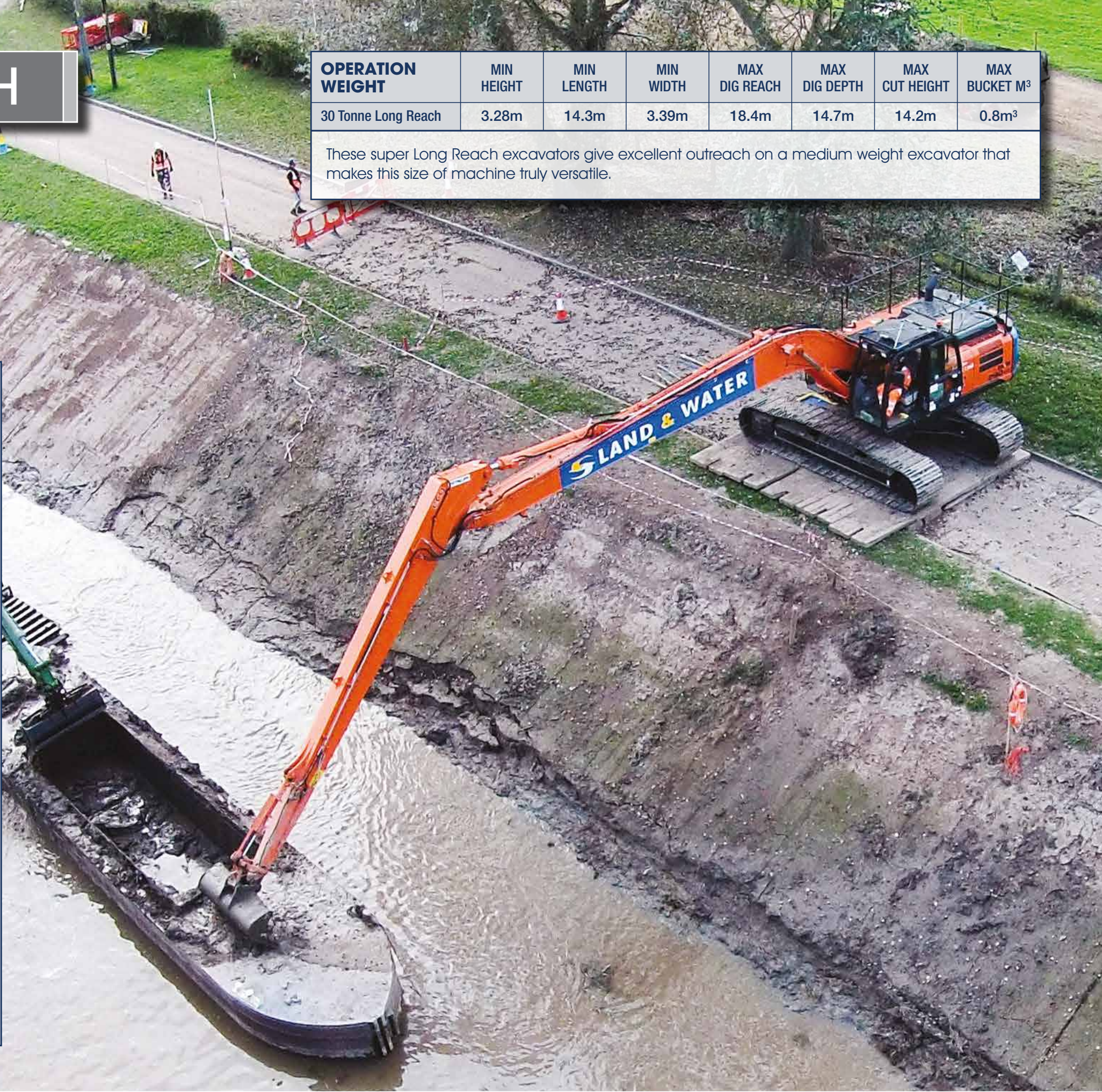
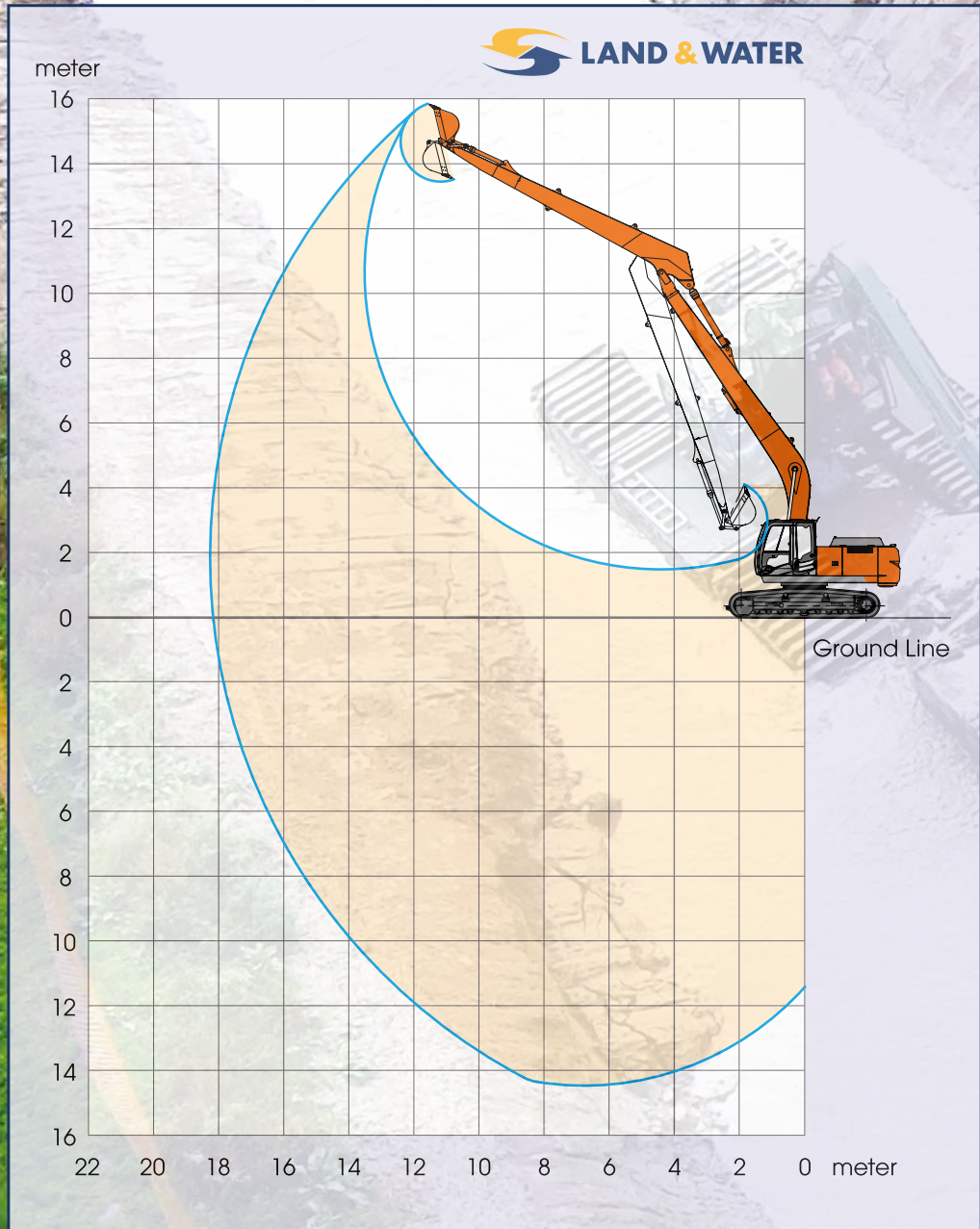
The workhorse and most versatile excavators within our hire fleet. These excavators give an exceptional outreach to weight ratio and can be used for a vast range of applications from dredging through to muck away operations. We also have the first Hitachi reduced tail swing Long Reach Excavators sold new in Europe. These machines are the most compact and versatile units available with their virtually zero tail swing, just as useful on a restricted building site or working on the riverbank.



30 TONNE LONG REACH

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M ³
30 Tonne Long Reach	3.28m	14.3m	3.39m	18.4m	14.7m	14.2m	0.8m ³

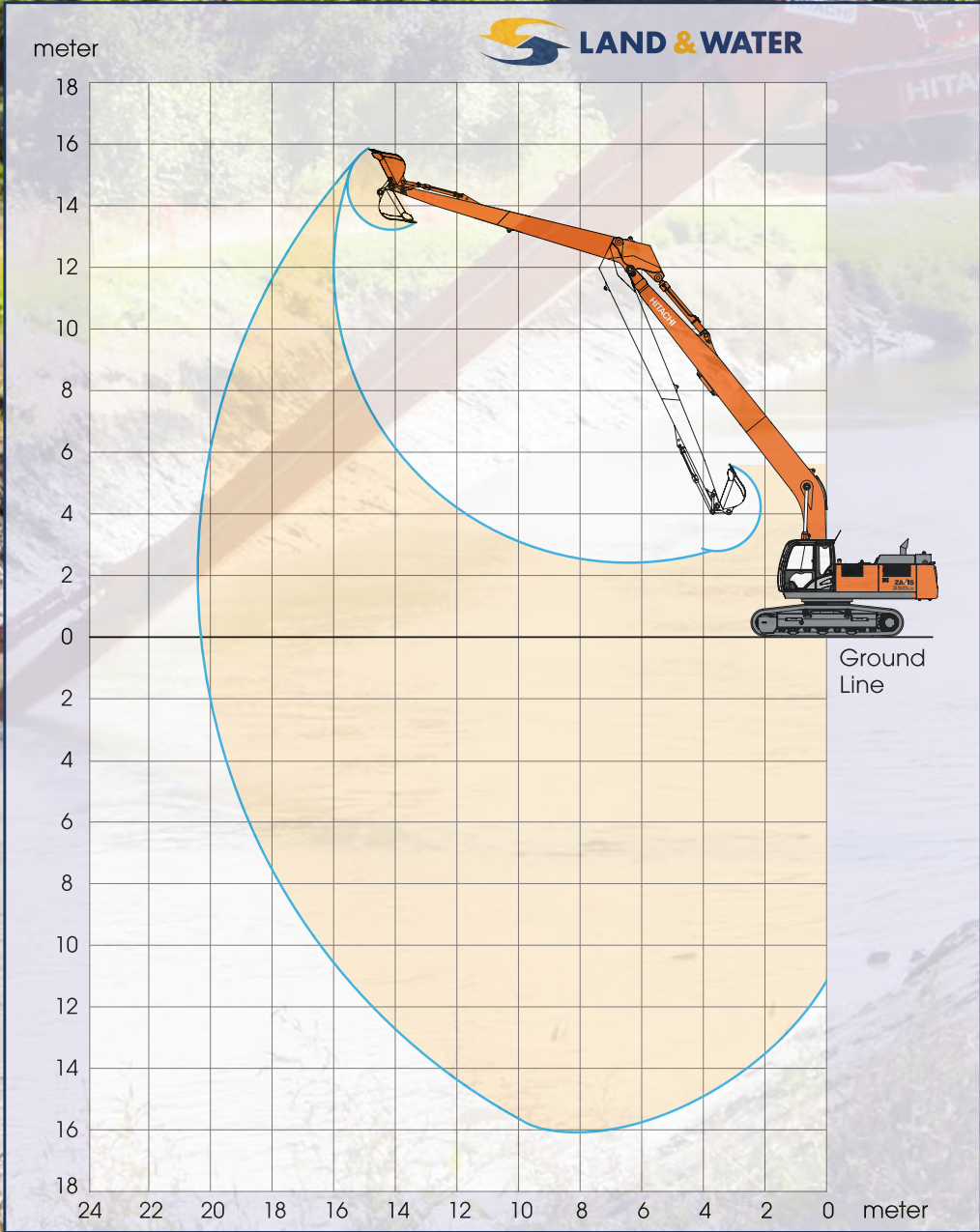
These super Long Reach excavators give excellent outreach on a medium weight excavator that makes this size of machine truly versatile.



38 TONNE LONG REACH (20m)

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
38 Tonne Long Reach	3.28m	14.74m	3.39m	20.3m	16.3m	14.2m	1m³

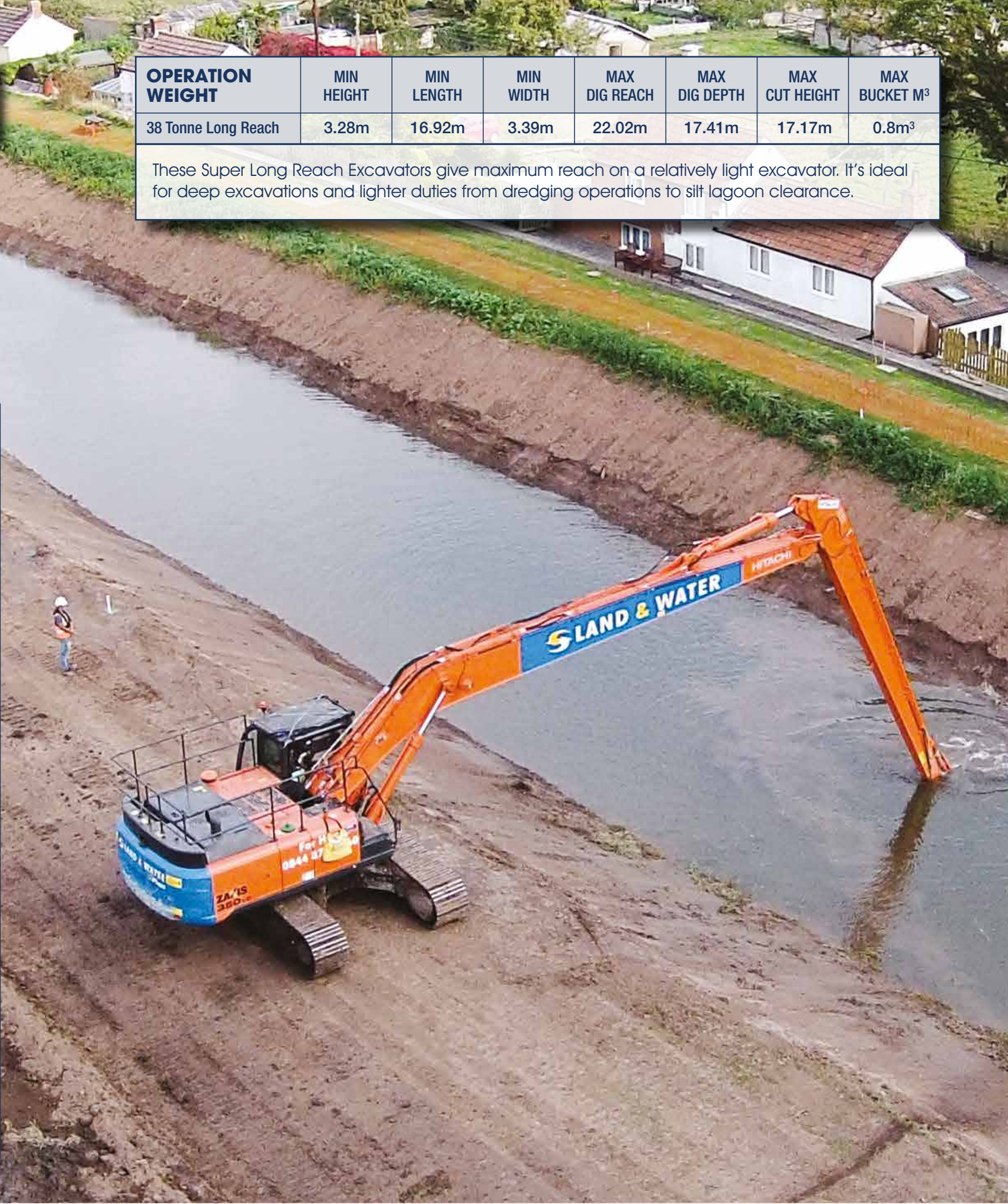
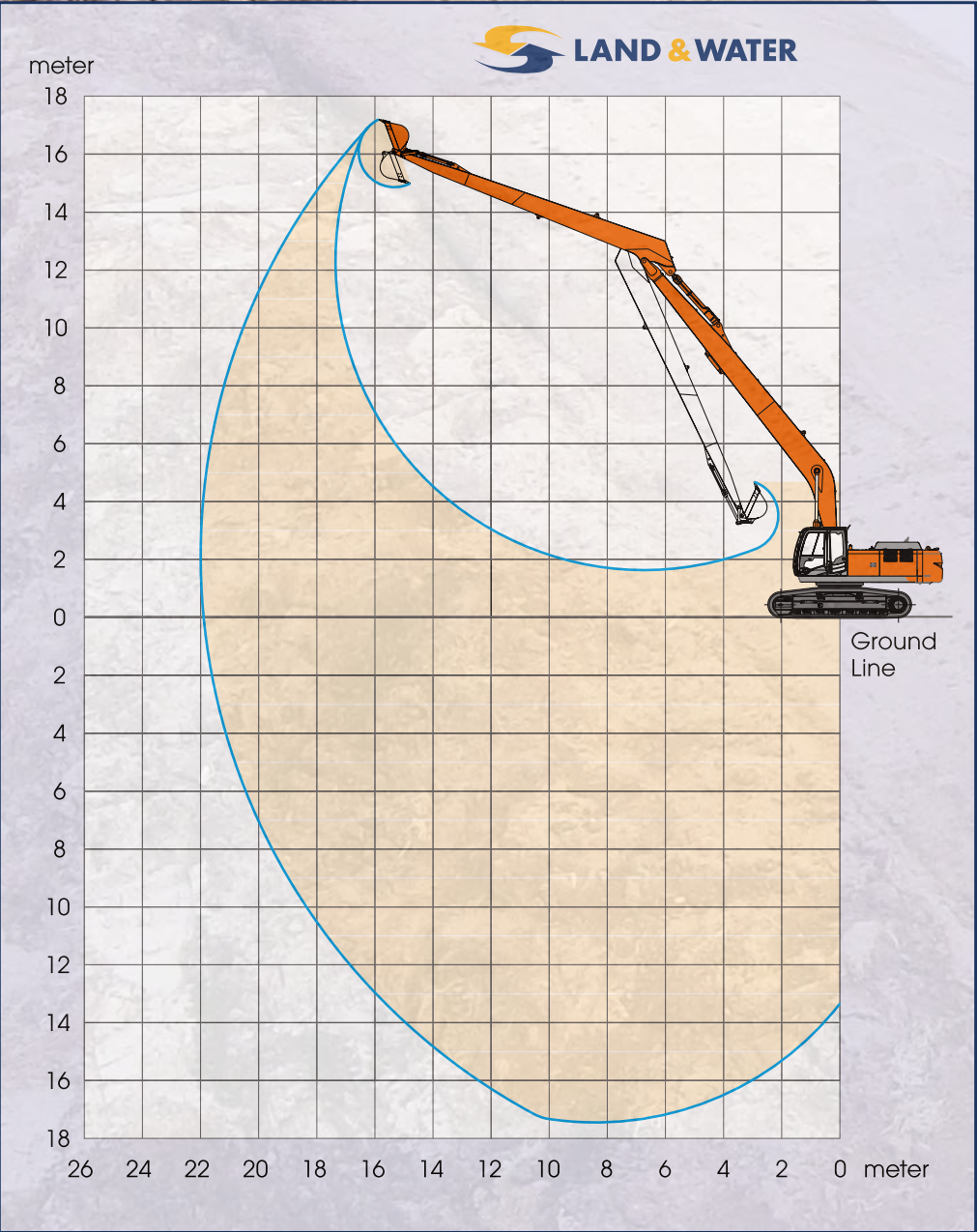
These Super Long Reach ZX 350 excavators provide the perfect combination of reach and power that make this an excellent tool for general duties where higher production rates and greater breakout forces are required without compromising the overall outreach



38 TONNE LONG REACH (22m)

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
38 Tonne Long Reach	3.28m	16.92m	3.39m	22.02m	17.41m	17.17m	0.8m³

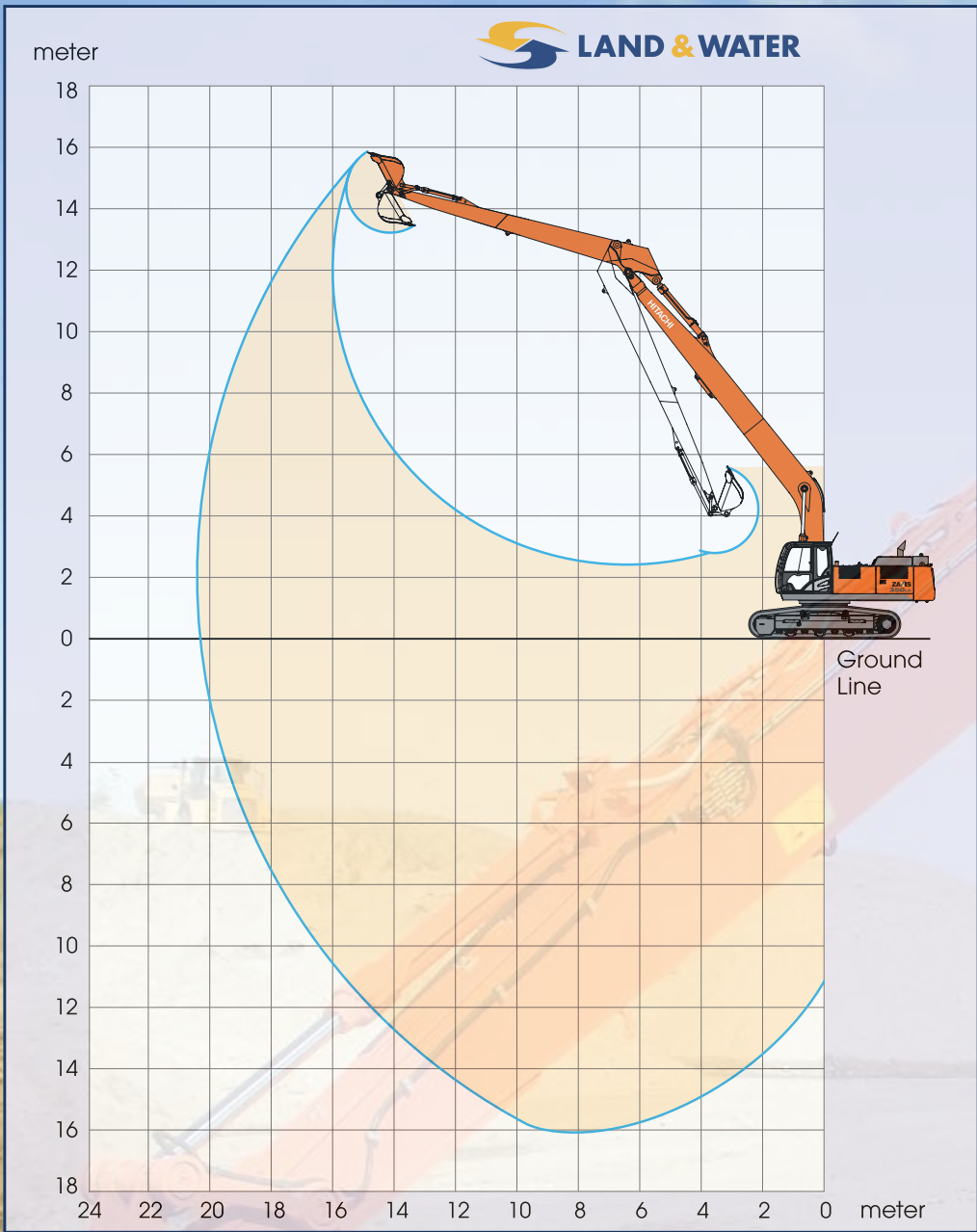
These Super Long Reach Excavators give maximum reach on a relatively light excavator. It's ideal for deep excavations and lighter duties from dredging operations to silt lagoon clearance.



55 TONNE LONG REACH (20m)

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
55 Tonne Long Reach	3.56m	16.64m	3.79m	20.34m	12.67m	17.71m	1m³

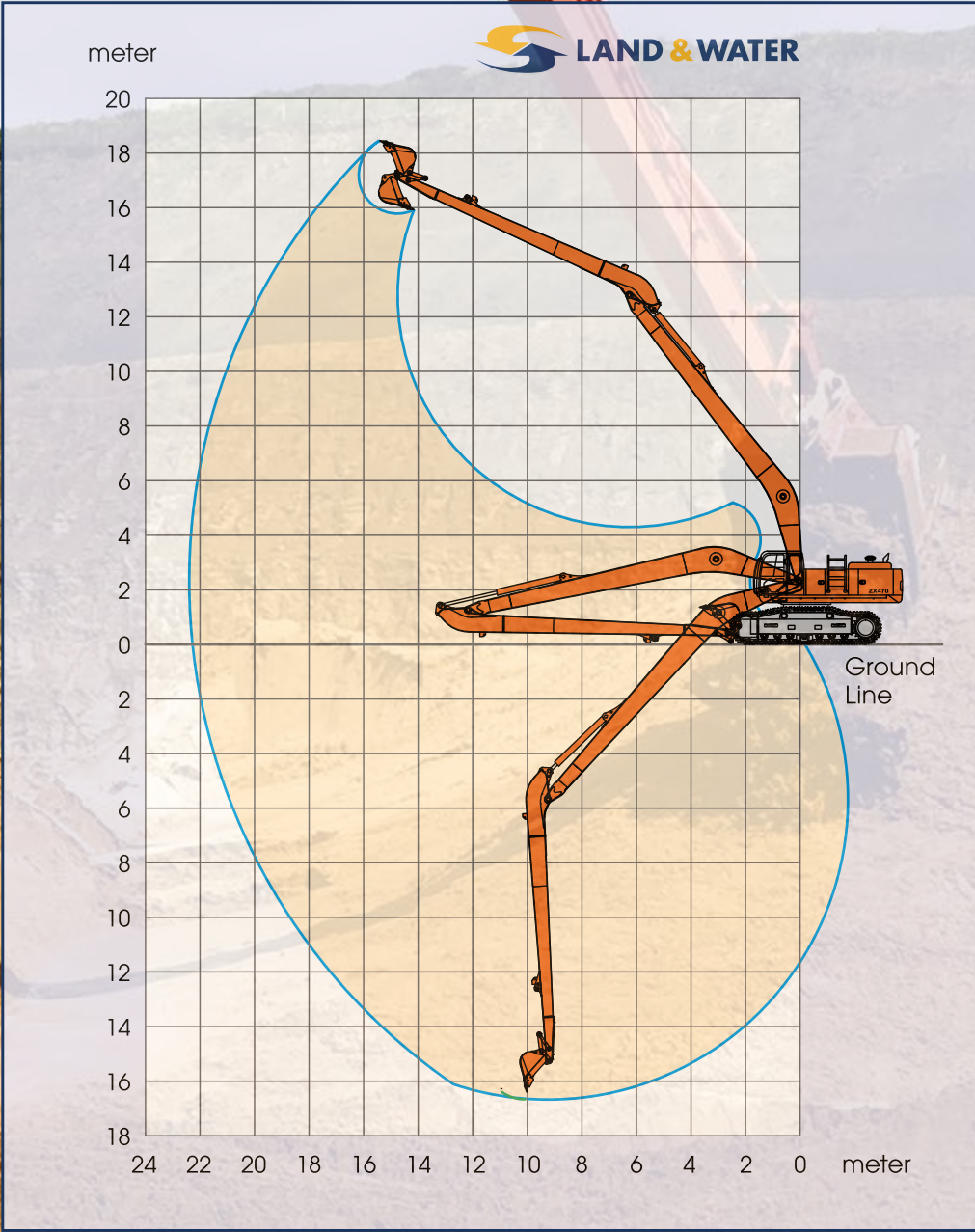
Weighing in at 55 tonnes, the 490 fills the gap in Land & Water’s hire fleet between its 40 tonne and 80 tonne excavators, the 490 offers a great balance of reach and breakout force and relatively easy to haul around the country.



55 TONNE LONG REACH (22m)

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
55 Tonne Long Reach	3.56m	18.64m	3.79m	22.39m	16.67m	18.46m	1m³

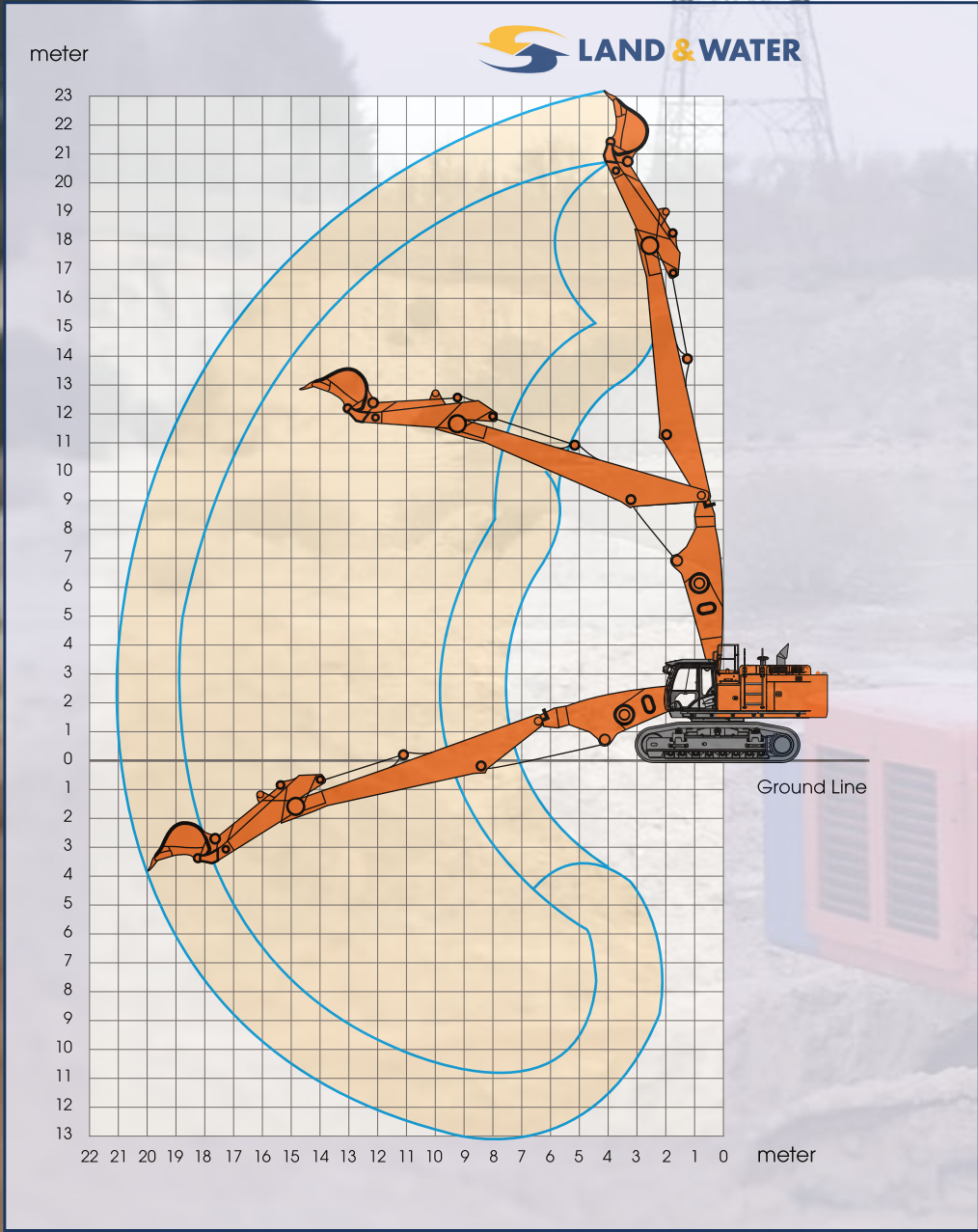
Weighing in at 55 tonnes, the 490 fills the gap in Land & Water’s hire fleet between its 40 tonne and 80 tonne excavators, the 490 offers a great balance of reach and breakout force and relatively easy to haul around the country.



80 TONNE LONG REACH (21m)

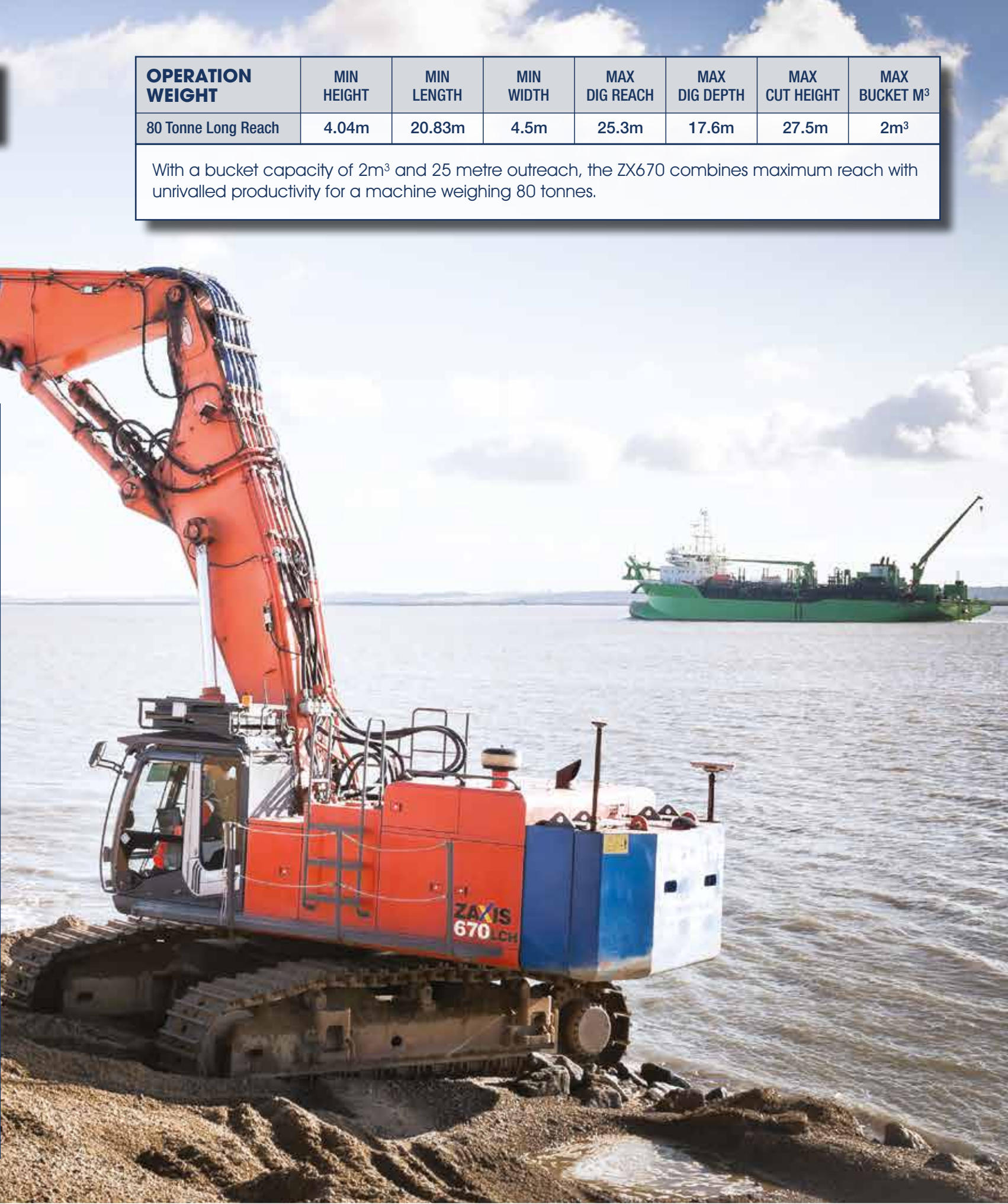
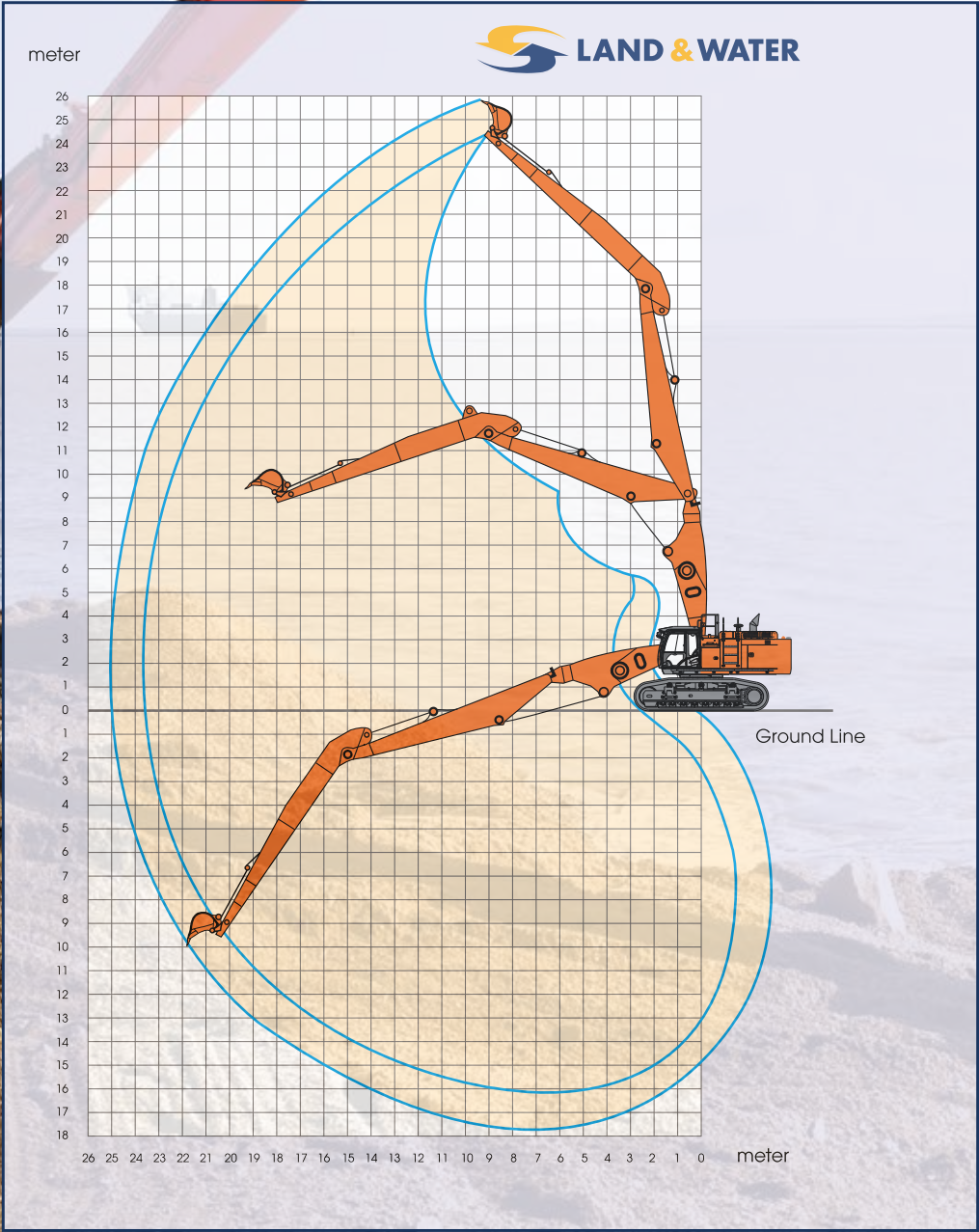
OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M³
80 Tonne Long Reach	4.04m	20.83m	4.5m	21.1m	13.2m	23.2m	3.2m³

With a bucket capacity of 3.2m³ combined with a 21 metre outreach this gives the ZX670 Long Reach Excavator more power and higher production than any other Long Reach machine in its class in the UK.

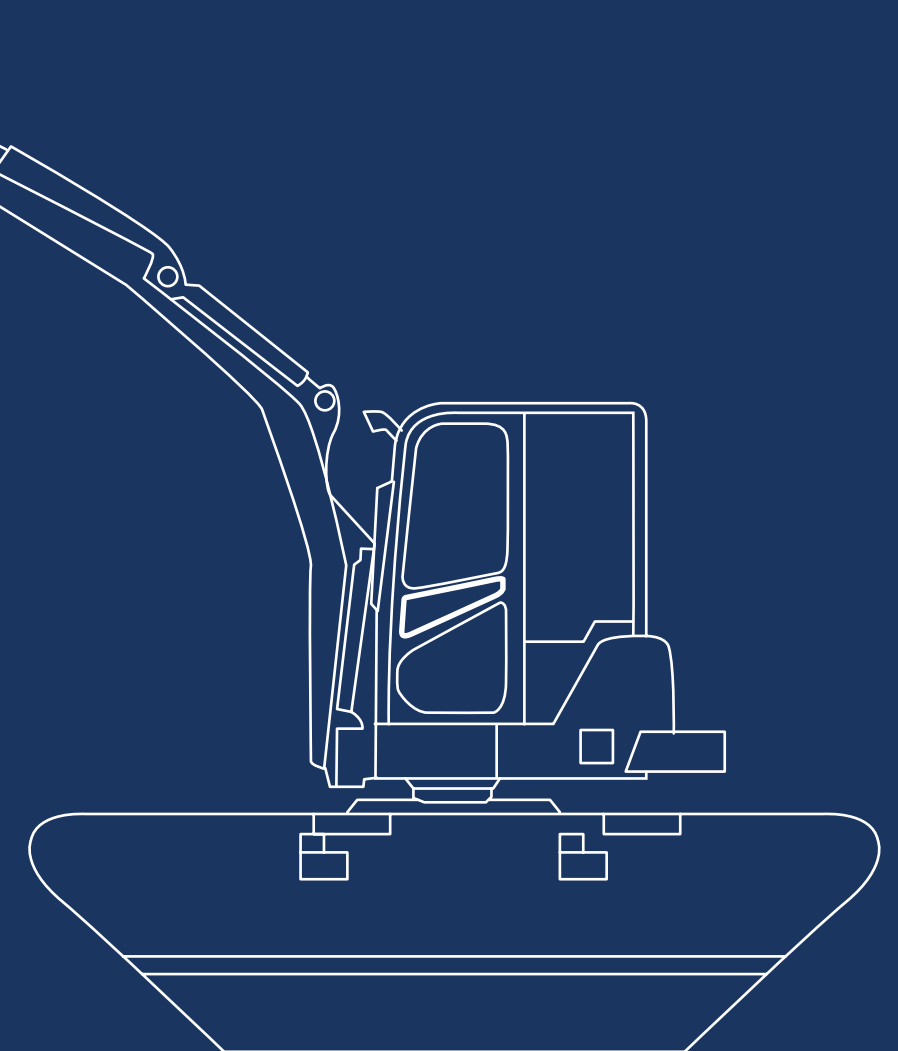
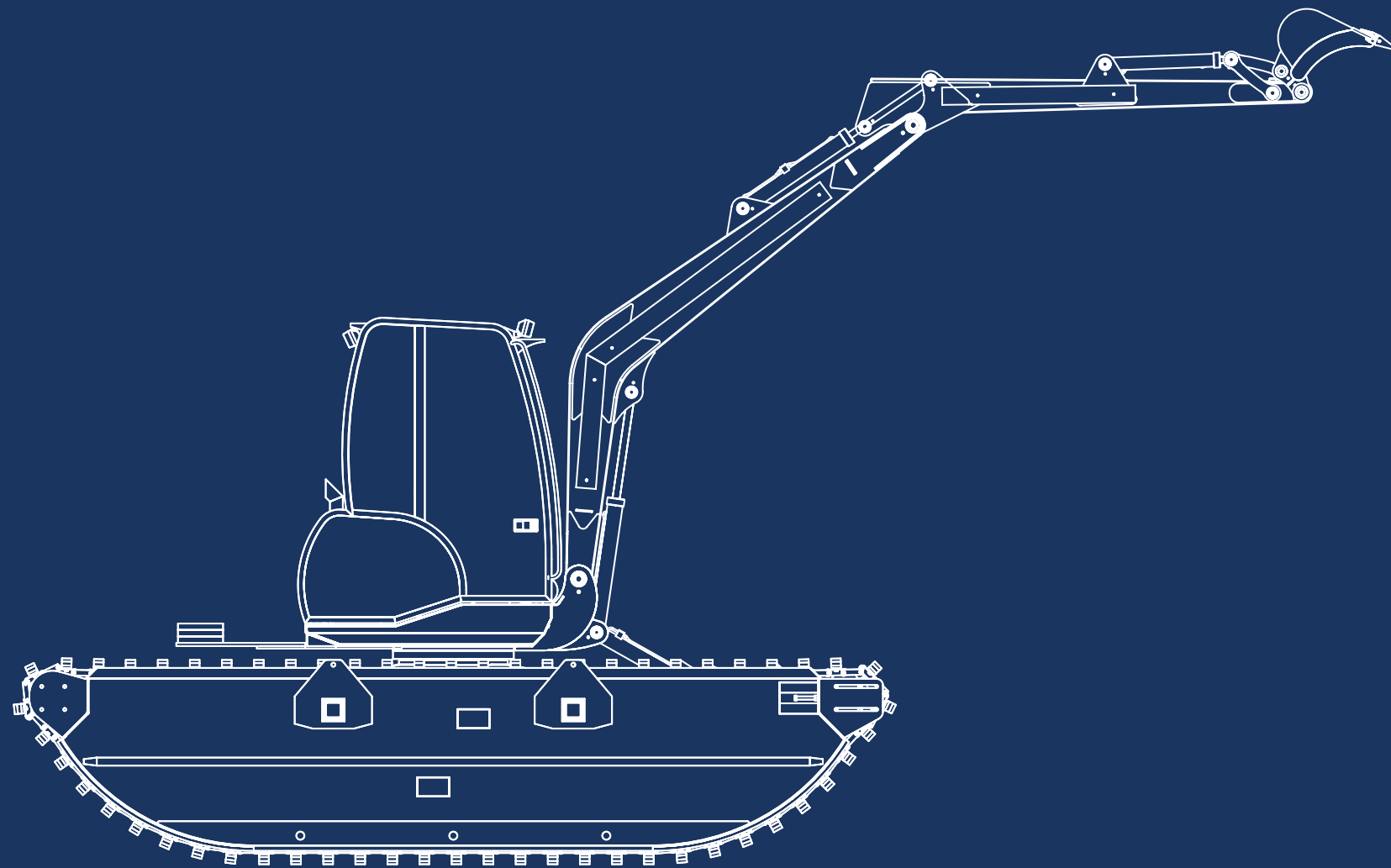
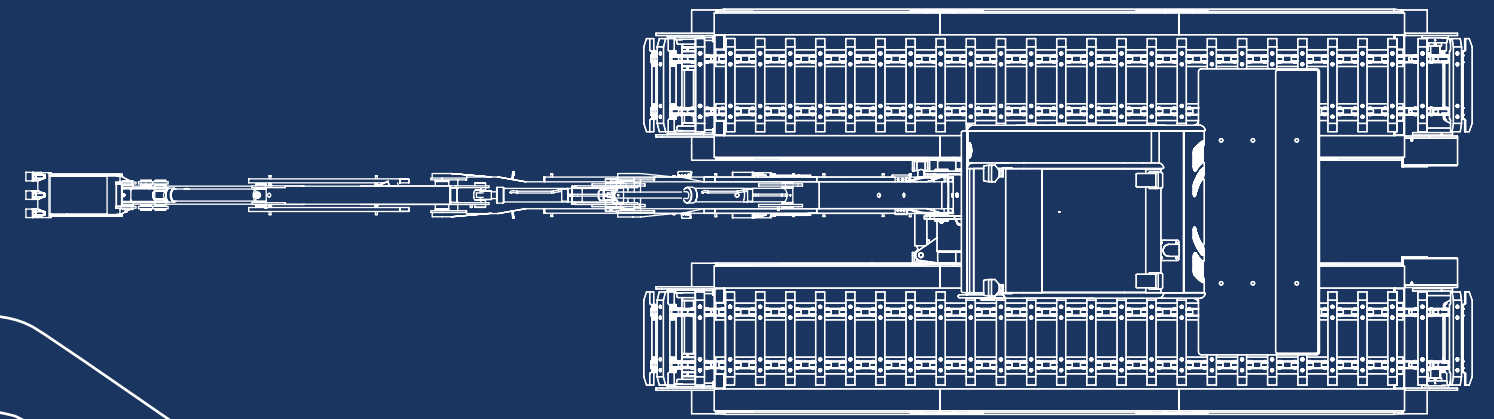
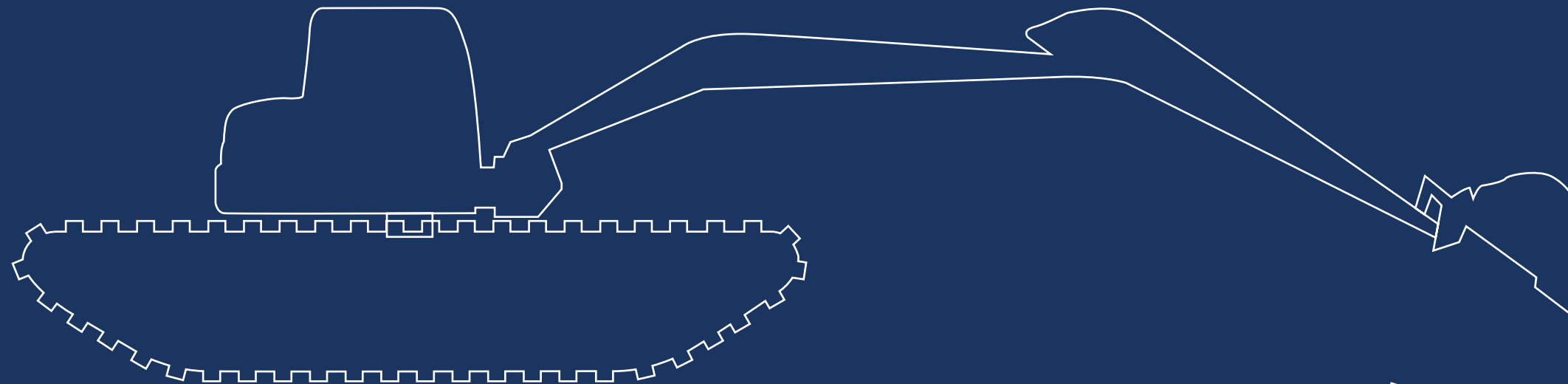


80 TONNE LONG REACH (25m)

OPERATION WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX DIG REACH	MAX DIG DEPTH	MAX CUT HEIGHT	MAX BUCKET M ³
80 Tonne Long Reach	4.04m	20.83m	4.5m	25.3m	17.6m	27.5m	2m ³
With a bucket capacity of 2m ³ and 25 metre outreach, the ZX670 combines maximum reach with unrivalled productivity for a machine weighing 80 tonnes.							



SOFT TERRAIN EXCAVATORS



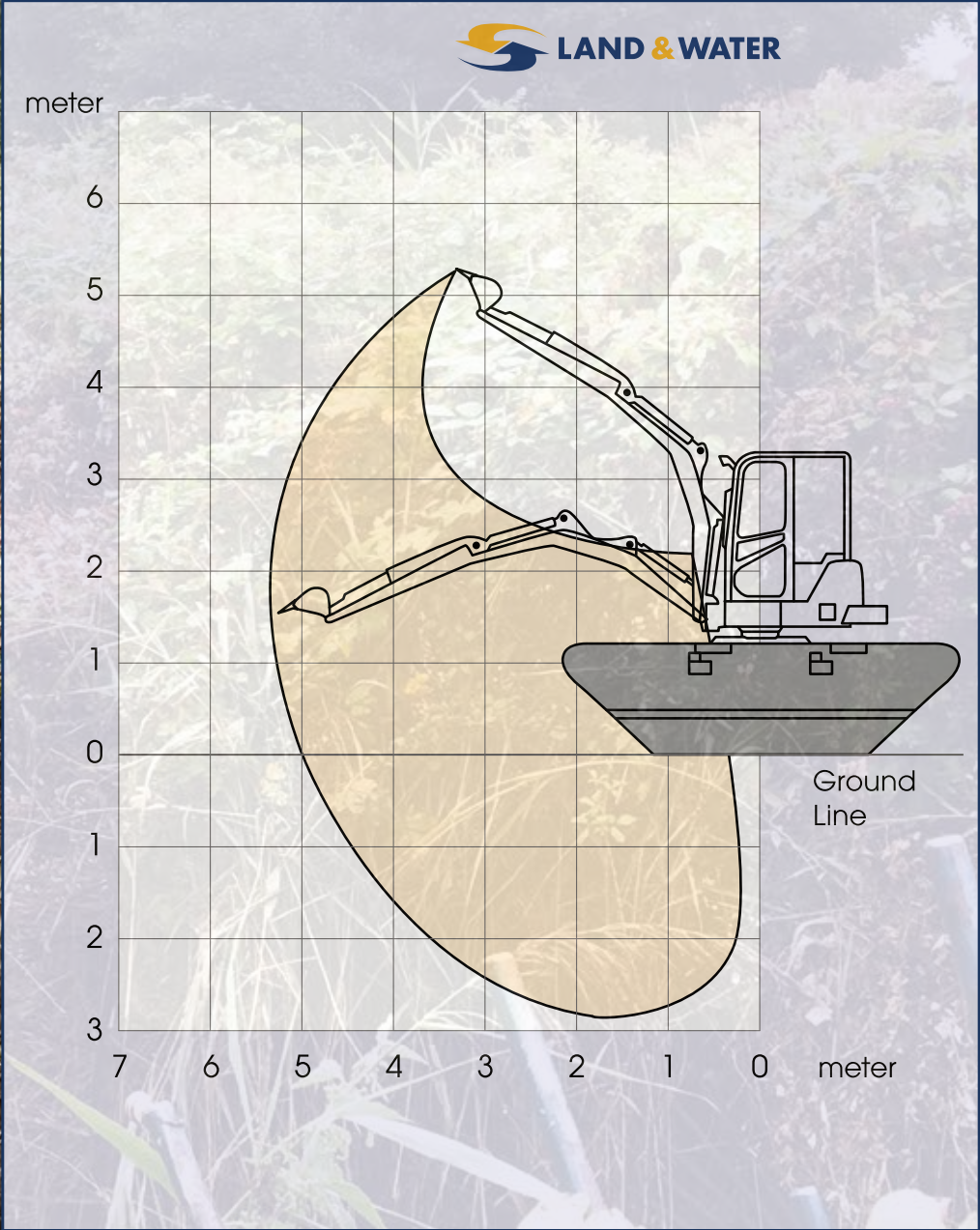
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WK20 (5 METRE)

MODEL	MAX OUTREACH	MAX DIG DEPTH	TRAVEL WIDTH	OPERATIONAL WIDTH	MAX HEIGHT	MAX LENGTH	GROUND PRESSURE
WK20	5.25m	2.8m	1.5m	2.5m	3.3m	5m	0.142kg/cm ²

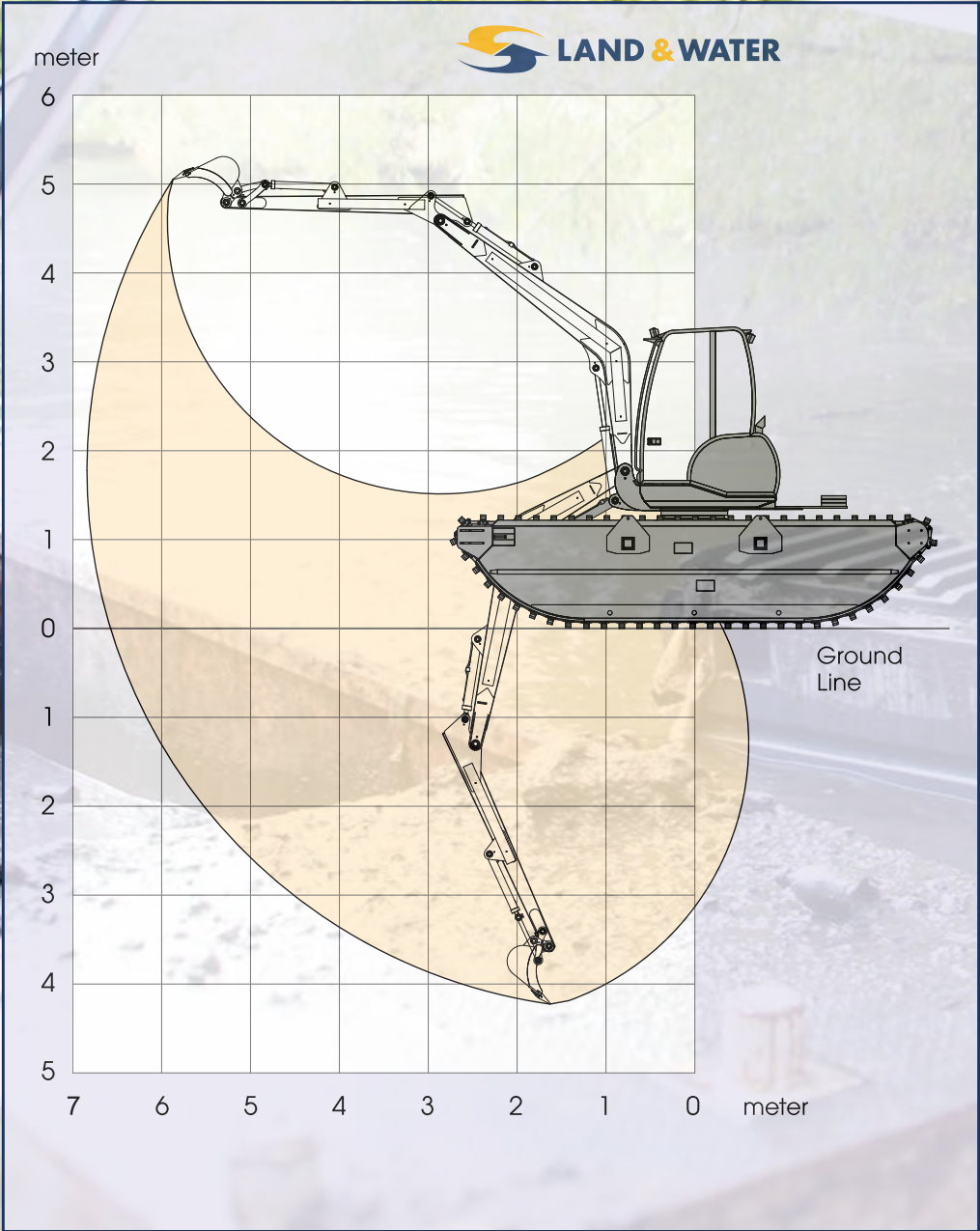
This is the smallest amphibious excavator available in the UK, at just 1.5m wide, 5.25m long and weighing around 4tonne. Unlike many other excavators of this class the WK20 uses a hydraulically retractable undercarriage. Allowing it to be delivered 'ready to use' as soon as it arrives on site.



P40 (7 METRE)

MODEL	MAX OUTREACH	MAX DIG DEPTH	TRAVEL WIDTH	OPERATIONAL WIDTH	MAX HEIGHT	MAX LENGTH	GROUND PRESSURE
P40	6.83m	4.22m	2.68m	3.18m	3.3m	6.6m	0.10kg/cm ²

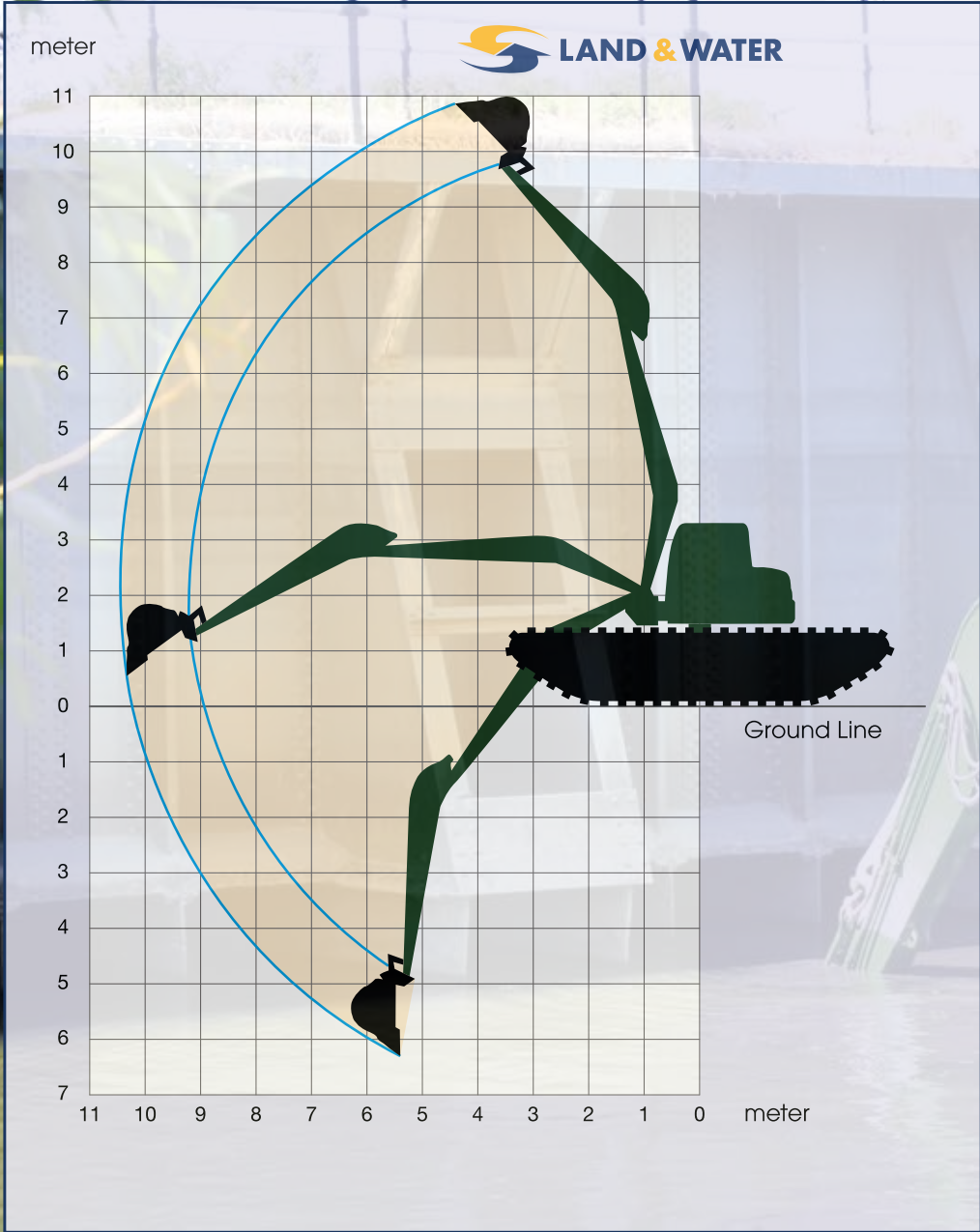
This is the smallest amphibious excavator available in the UK, at just 2.68m wide, 6.6m long and weighing around 6 tonnes. Unlike many other excavators of this class the P40 uses a hydraulically retractable undercarriage. Allowing it to be delivered 'ready to use' as soon as it arrives on site.



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WK90 LONG REACH (10m)



MODEL	MAX OUTREACH	MAX DIG DEPTH	TRAVEL WIDTH	OPERATIONAL WIDTH	MAX HEIGHT	MAX LENGTH	GROUND PRESSURE
WK90	10m	6m	3.5m	4.5m	3.94m	7.1m	0.119kg/cm ²

This soft terrain / amphibious excavator places less weight per square inch onto the ground than the average human footprint and coupled with 10m outreach is suitable for a vast array of projects. Unlike other excavators of its class this excavator uses a hydraulically retractable undercarriage that allows it to be delivered 'Ready to use', when it arrives on site and also includes a secondary fuel tank which reduces the frequency of refuelling when working in remote locations.



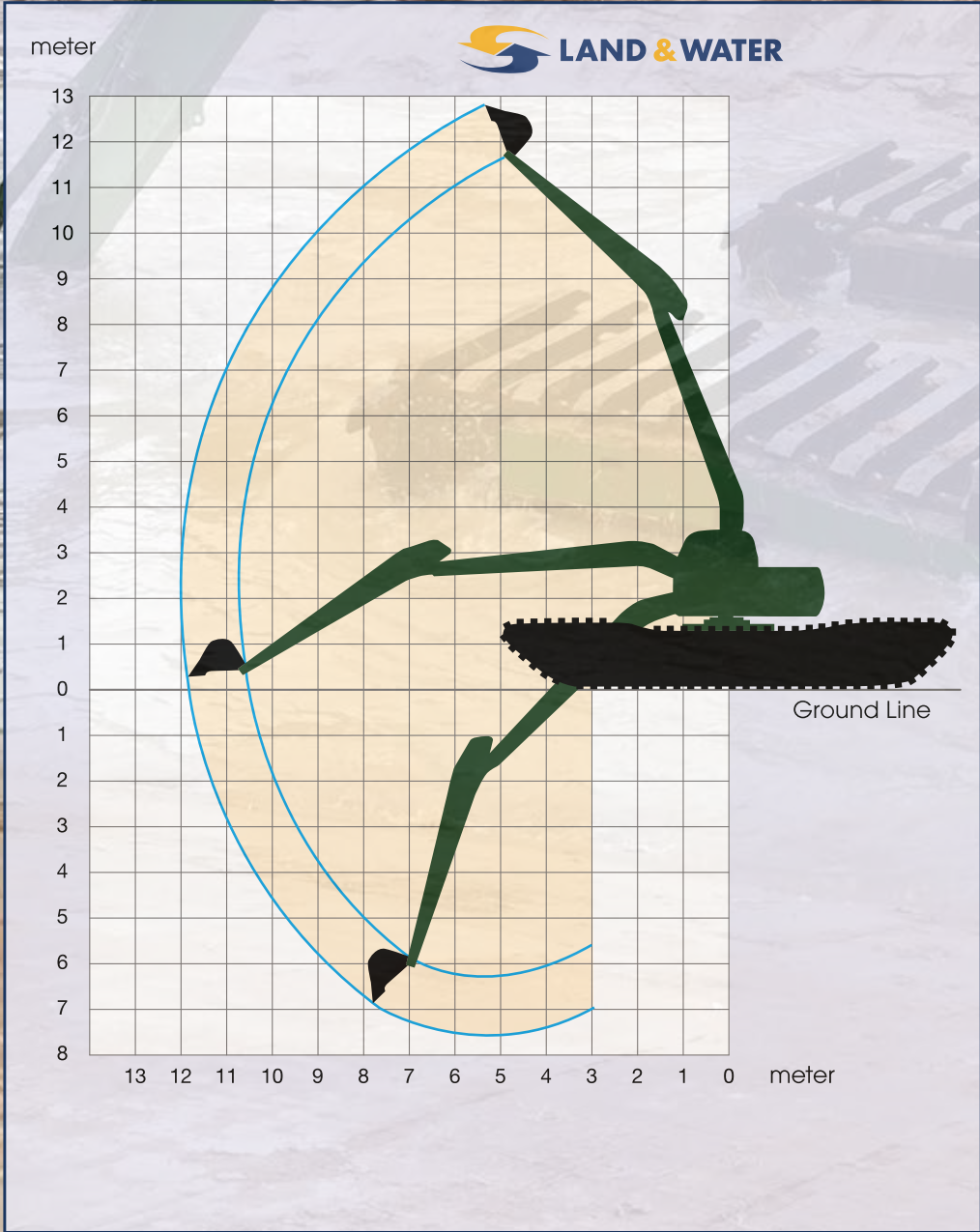
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WK150 LONG REACH (12m)

MODEL	MAX OUTREACH	MAX DIG DEPTH	TRAVEL WIDTH	OPERATIONAL WIDTH	MAX HEIGHT	MAX LENGTH	GROUND PRESSURE
WK150	12m	7m	3.5m	4.7m	3.42m	12.35m	0.119kg/cm ²

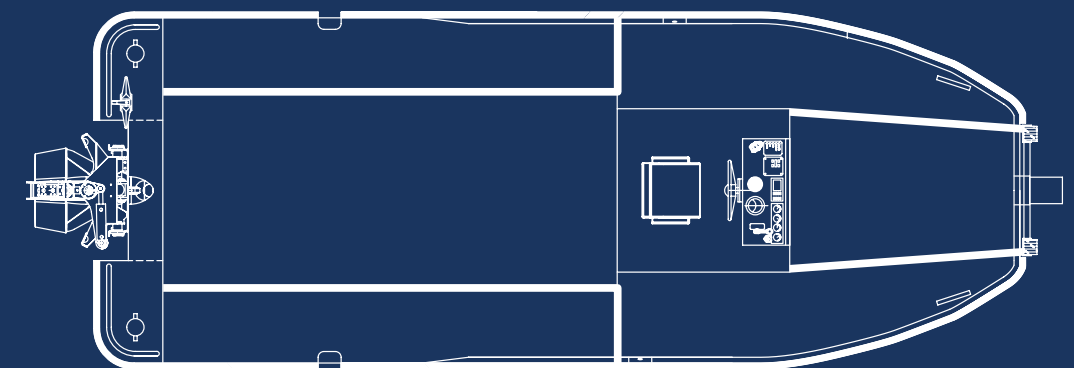
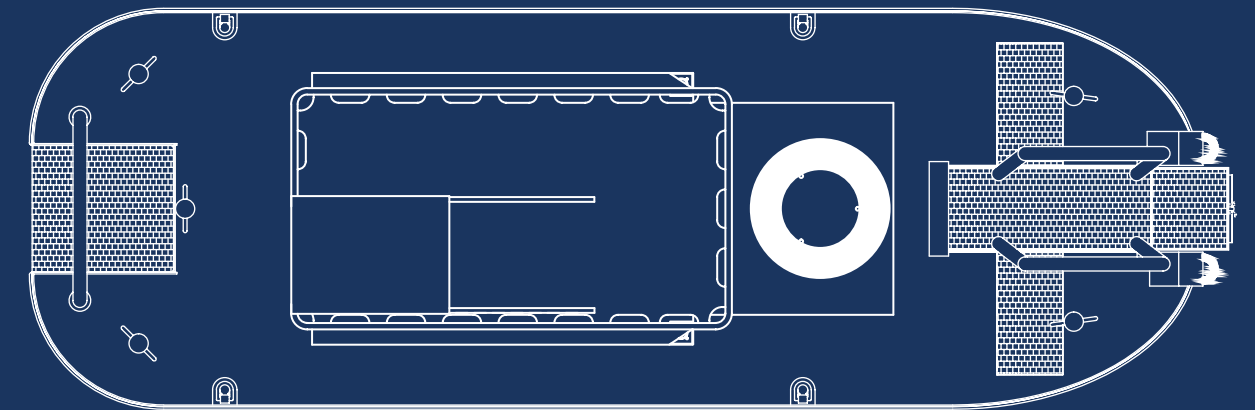
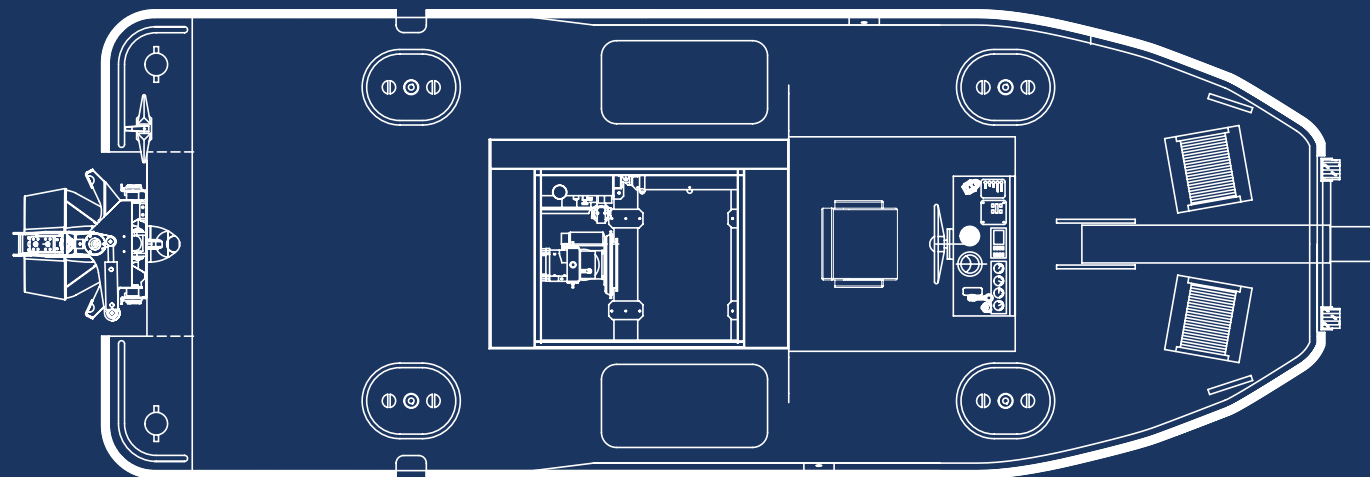
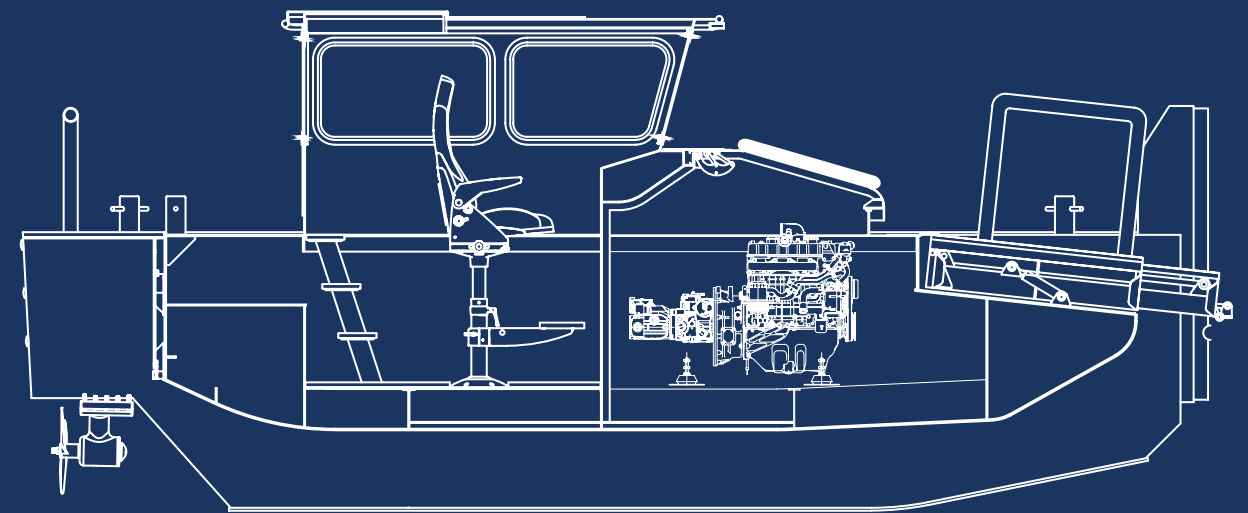
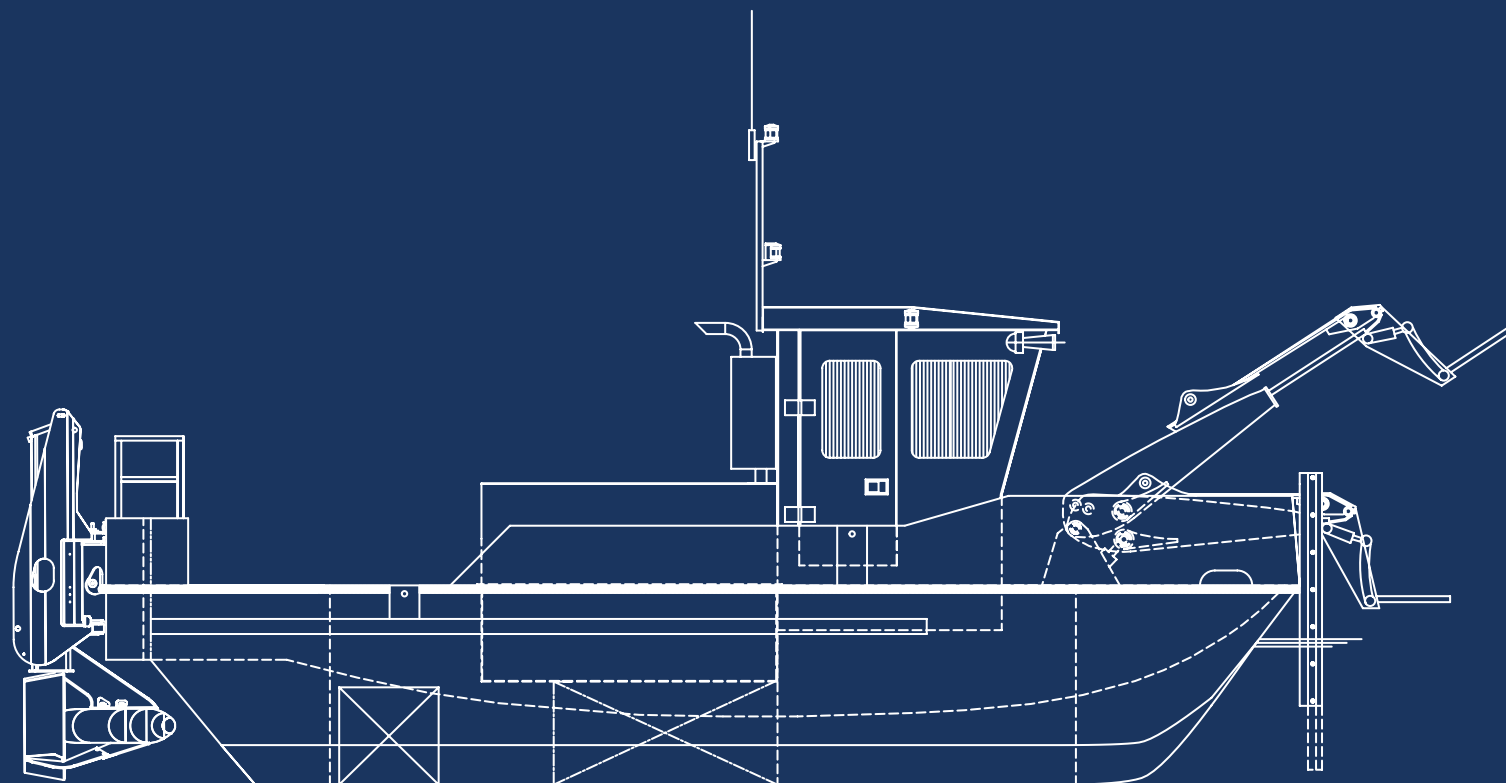
This soft terrain / amphibious excavator places less weight per square inch onto the ground than the average human footprint and coupled with 12m outreach is suitable for a vast array of projects. Unlike other excavators of its class this excavator uses a hydraulically retractable undercarriage that allows it to be delivered 'Ready to use', when it arrives on site.



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TUGS & WORKBOATS



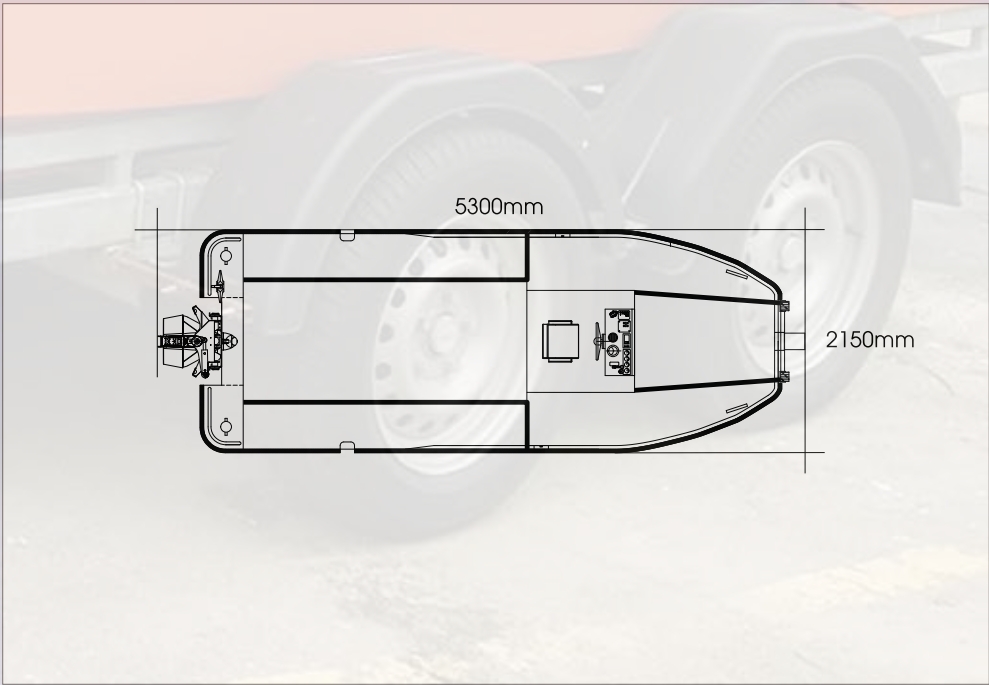
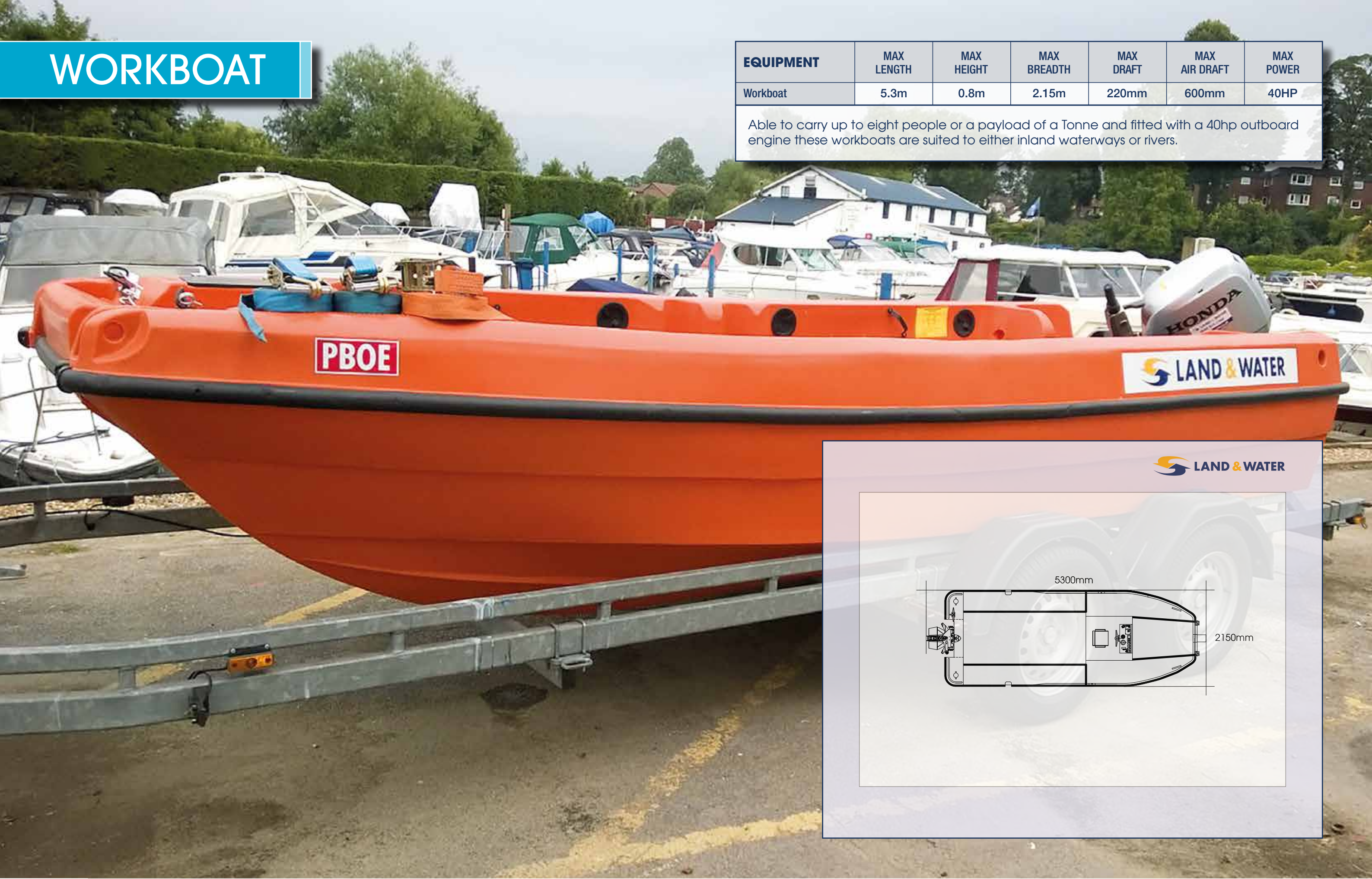
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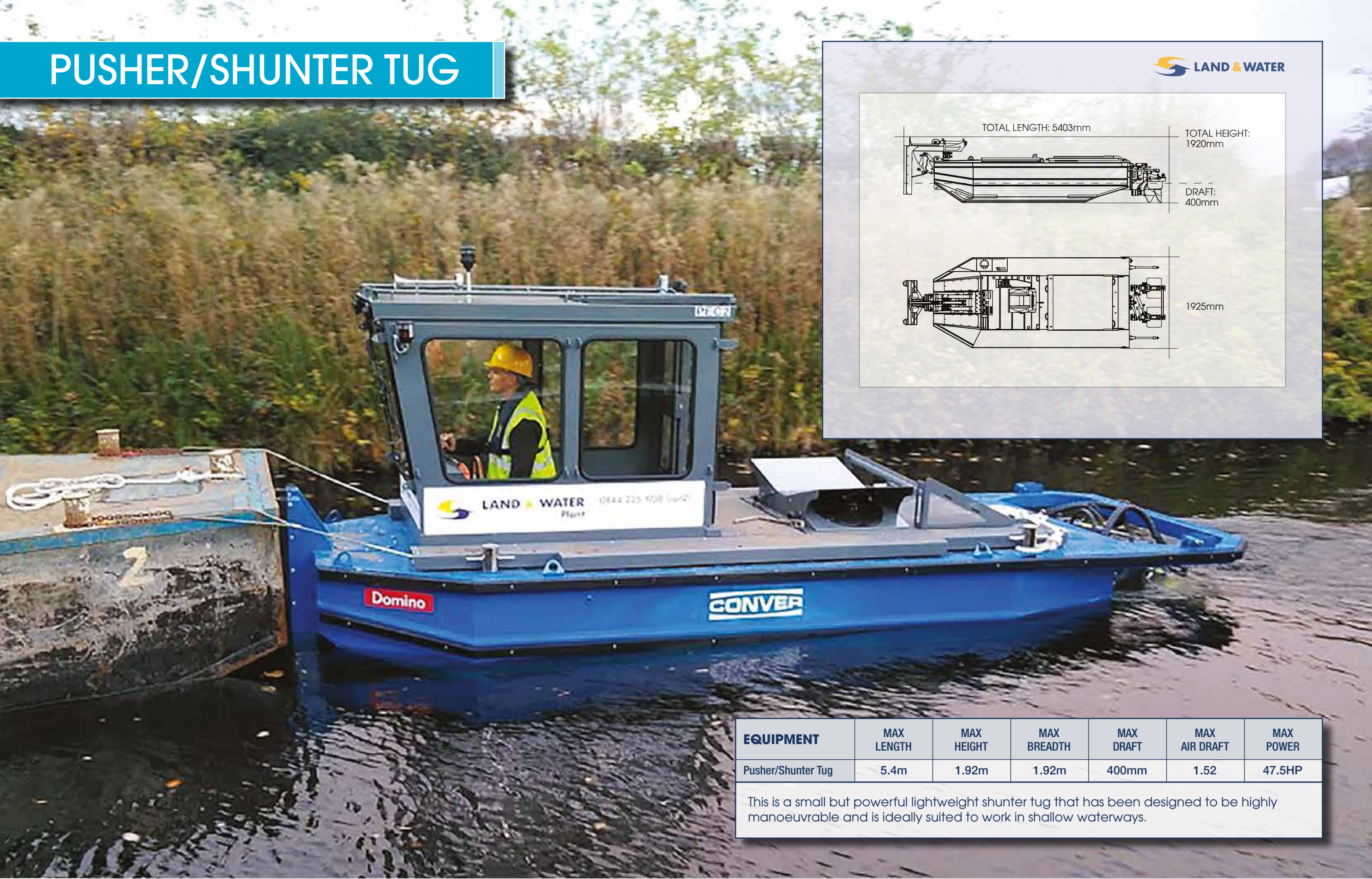
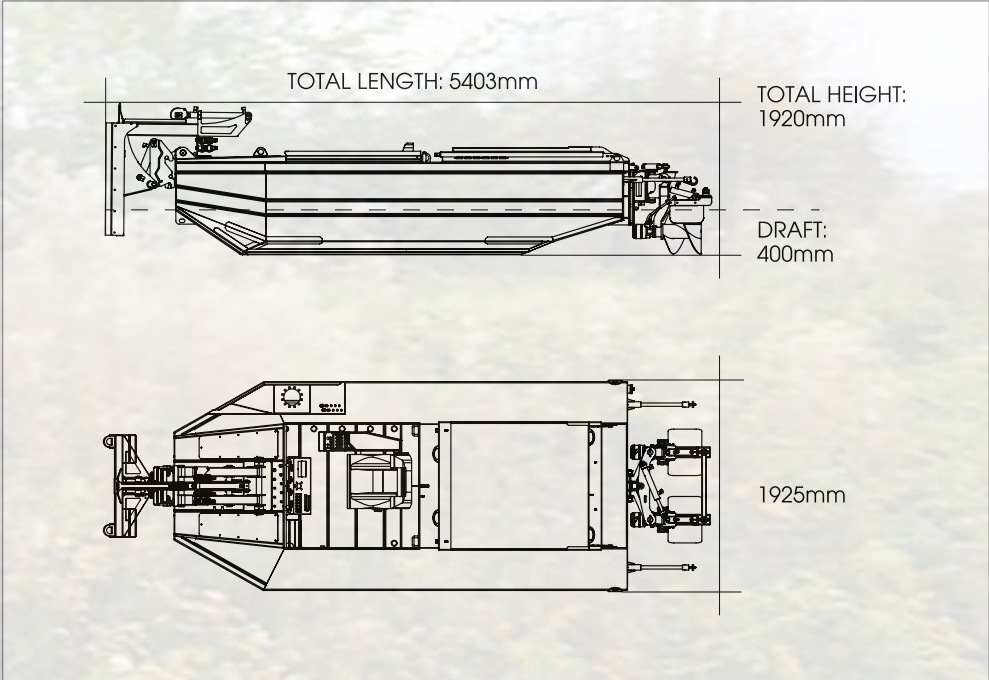
WORKBOAT

EQUIPMENT	MAX LENGTH	MAX HEIGHT	MAX BREADTH	MAX DRAFT	MAX AIR DRAFT	MAX POWER
Workboat	5.3m	0.8m	2.15m	220mm	600mm	40HP

Able to carry up to eight people or a payload of a Tonne and fitted with a 40hp outboard engine these workboats are suited to either inland waterways or rivers.



PUSHER/SHUNTER TUG



EQUIPMENT	MAX LENGTH	MAX HEIGHT	MAX BREADTH	MAX DRAFT	MAX AIR DRAFT	MAX POWER
Pusher/Shunter Tug	5.4m	1.92m	1.92m	400mm	1.52	47.5HP

This is a small but powerful lightweight shunter tug that has been designed to be highly manoeuvrable and is ideally suited to work in shallow waterways.

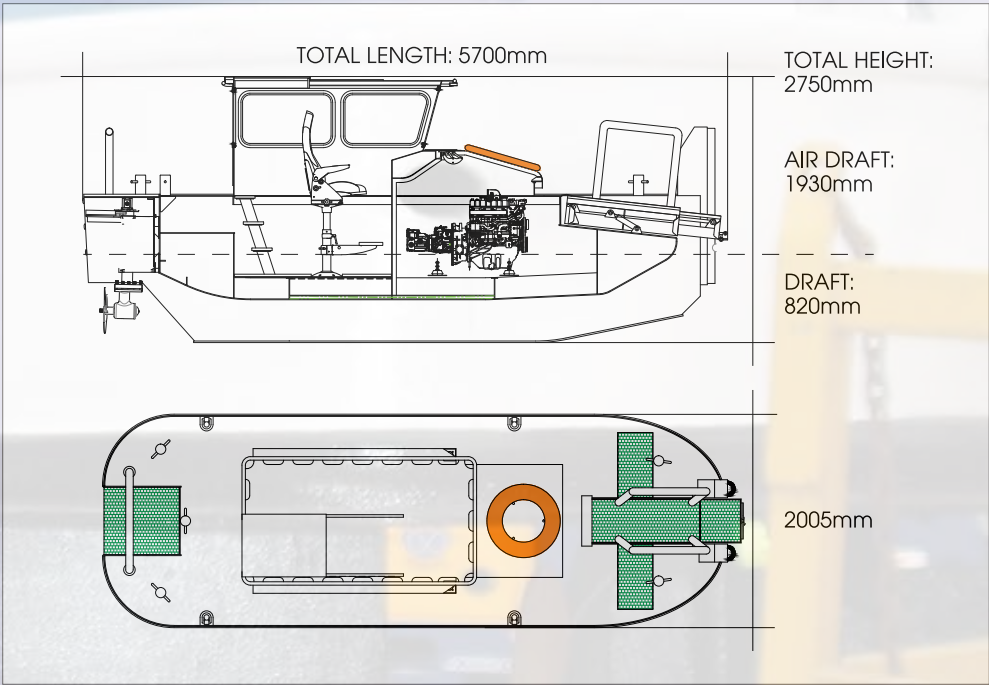
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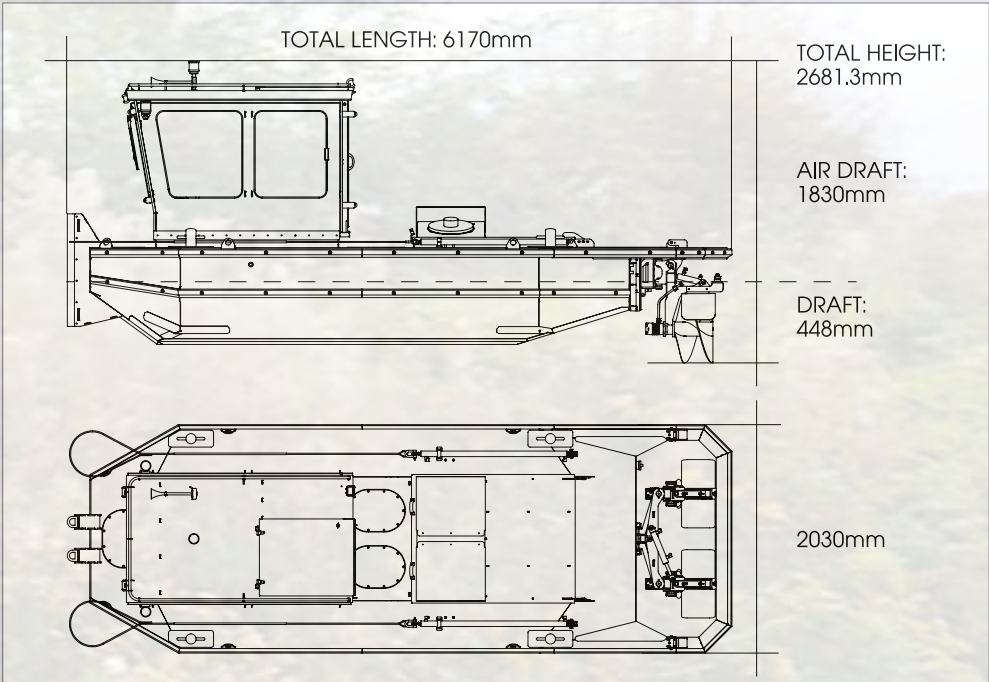
CANAL CLASS TUG

EQUIPMENT	MAX LENGTH	MAX HEIGHT	MAX BREADTH	MAX DRAFT	MAX AIR DRAFT	MAX POWER
Canal Class Tug	5.7m	2.75m	2.05m	820mm	1.93m	40HP

This small but powerful tug is specifically designed to be used on the UK's canal network and can fit through the smallest of canal locks.



ENGINEERING CLASS TUG



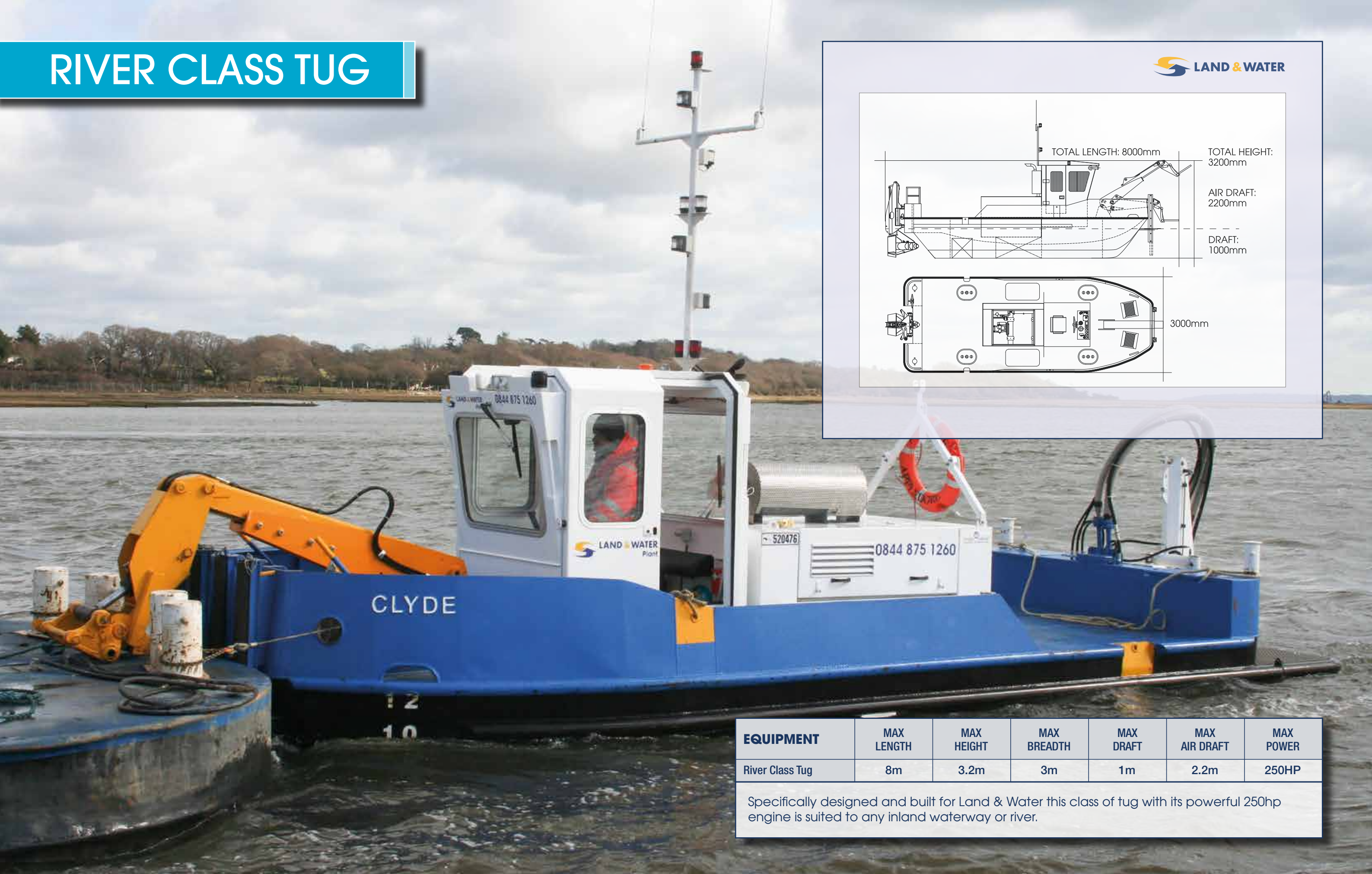
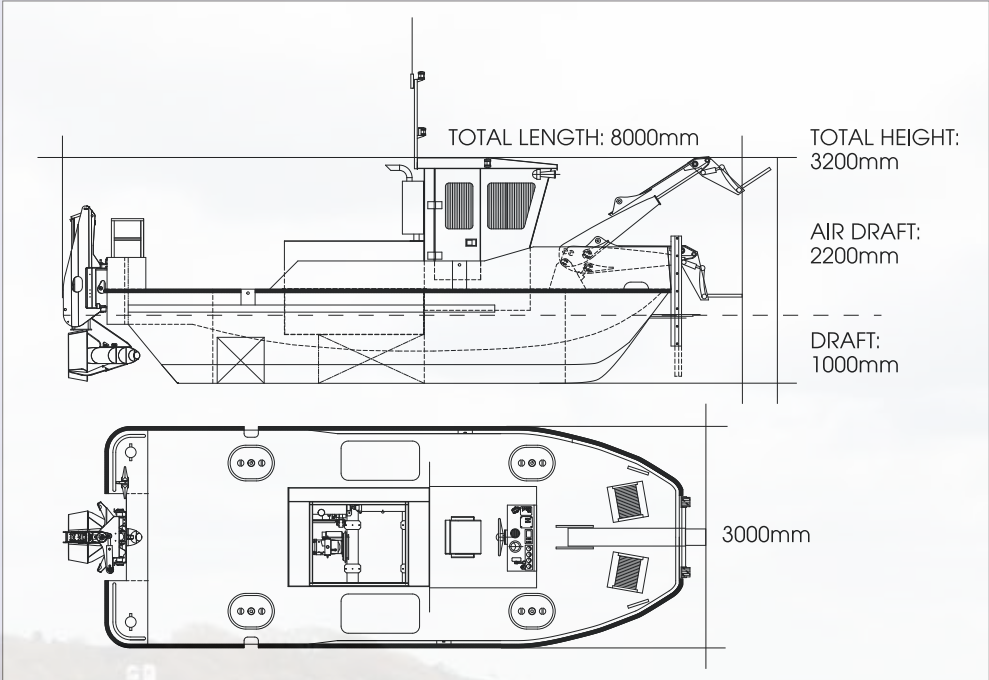
EQUIPMENT	MAX LENGTH	MAX HEIGHT	MAX BREADTH	MAX DRAFT	MAX AIR DRAFT	MAX POWER
Engineering Class Tug	6.17m	2.68m	2.03m	448mm	1.83m	69.3HP

Designed and built to give the user the highest power output and manoeuvrability whilst still remaining shallow drafted at just 400mm. Ideally suited to be used on the canal network, reservoirs, and shallow rivers.

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RIVER CLASS TUG



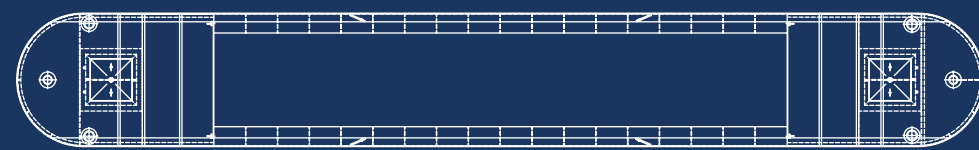
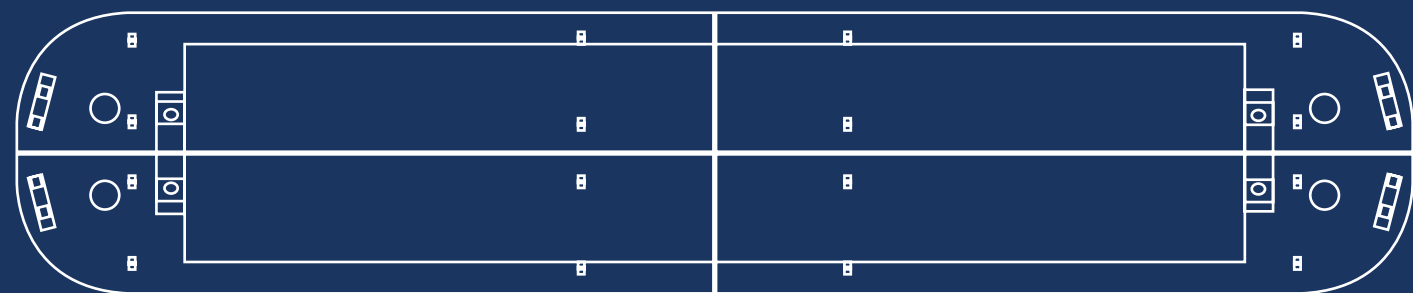
EQUIPMENT	MAX LENGTH	MAX HEIGHT	MAX BREADTH	MAX DRAFT	MAX AIR DRAFT	MAX POWER
River Class Tug	8m	3.2m	3m	1m	2.2m	250HP

Specifically designed and built for Land & Water this class of tug with its powerful 250hp engine is suited to any inland waterway or river.

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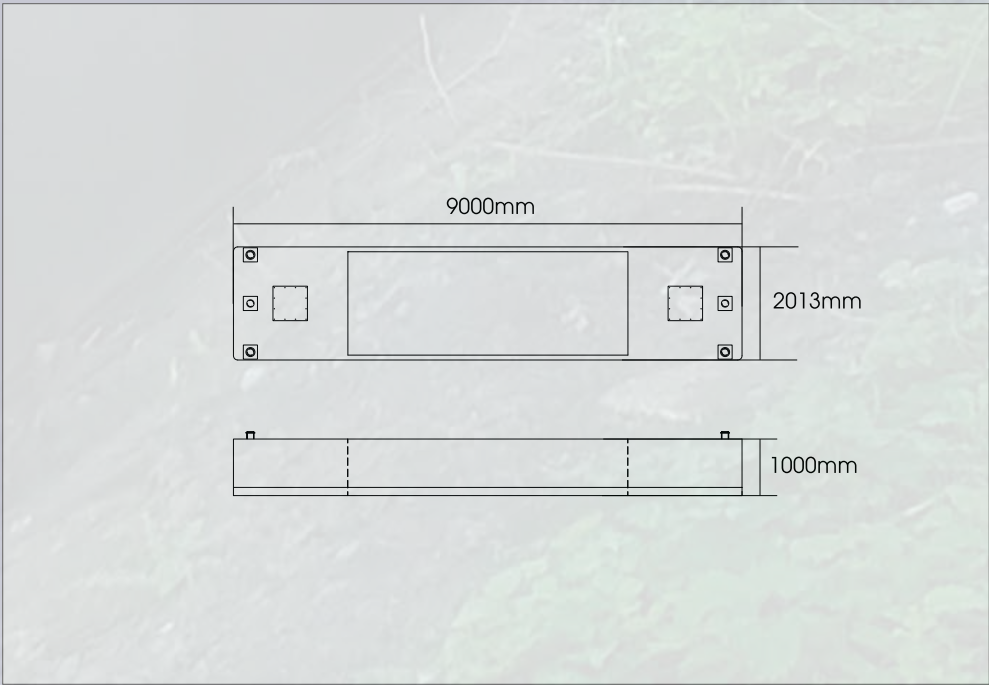
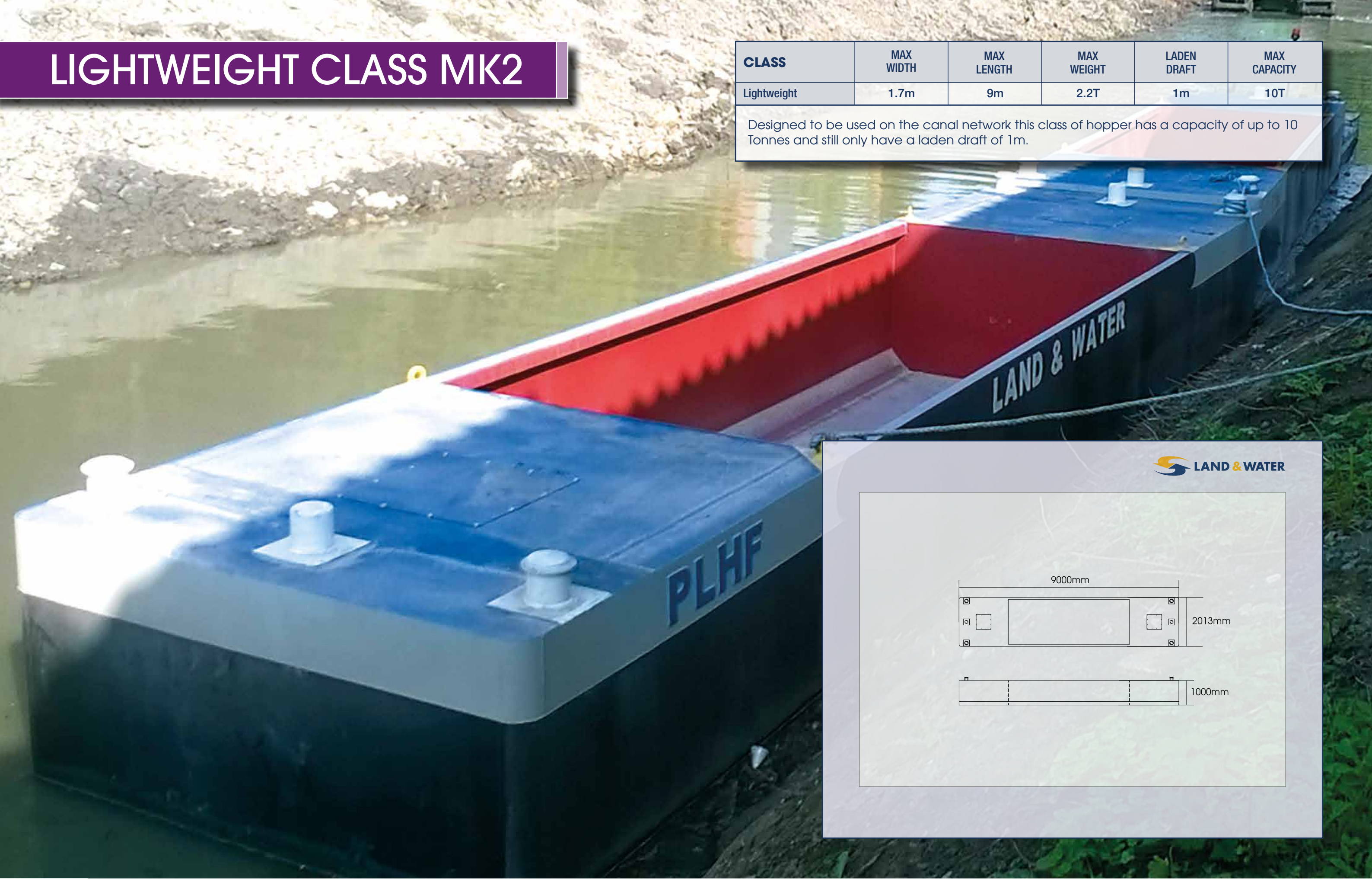
HOPPERS



LIGHTWEIGHT CLASS MK2

CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Lightweight	1.7m	9m	2.2T	1m	10T

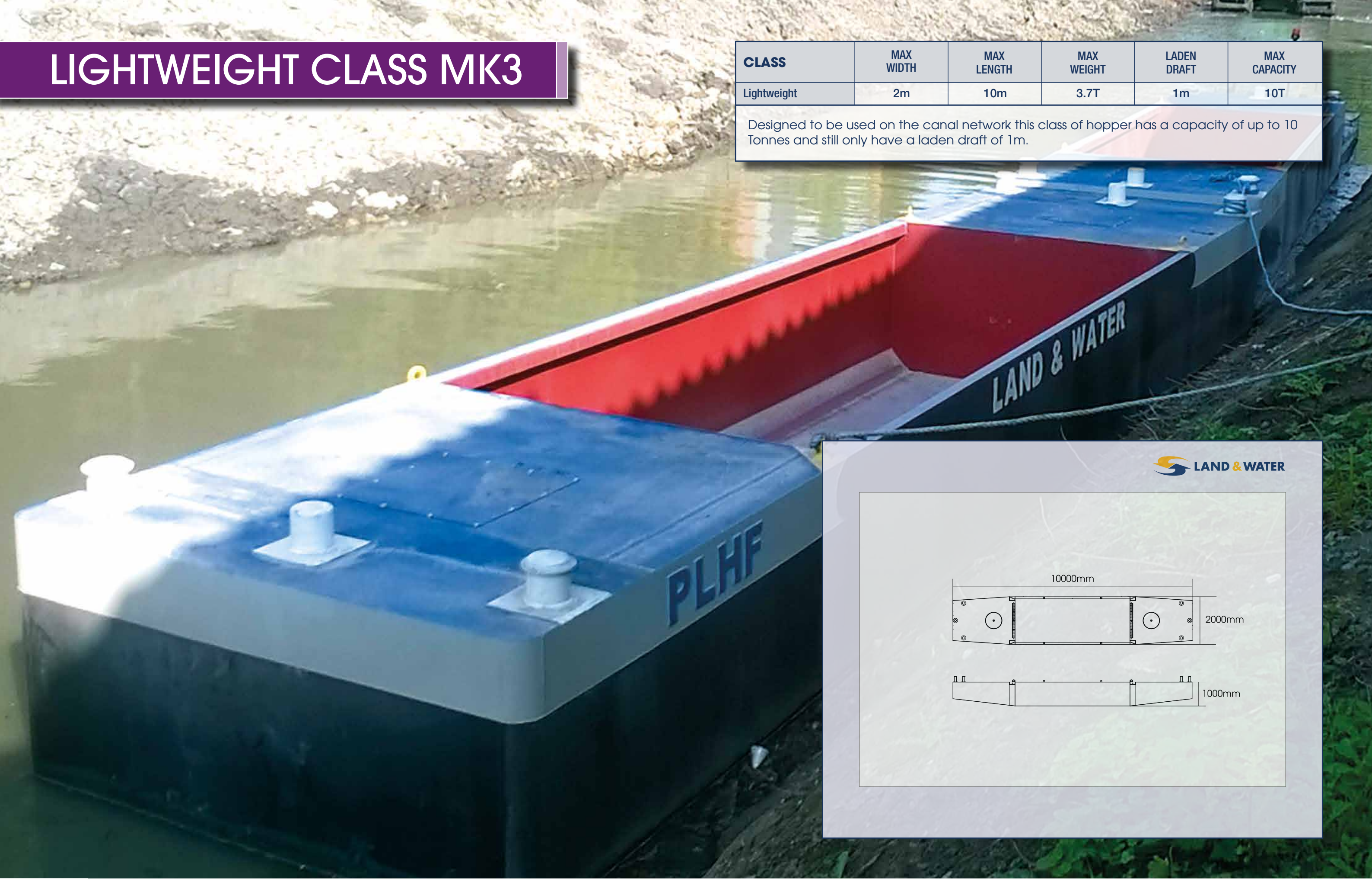
Designed to be used on the canal network this class of hopper has a capacity of up to 10 Tonnes and still only have a laden draft of 1m.



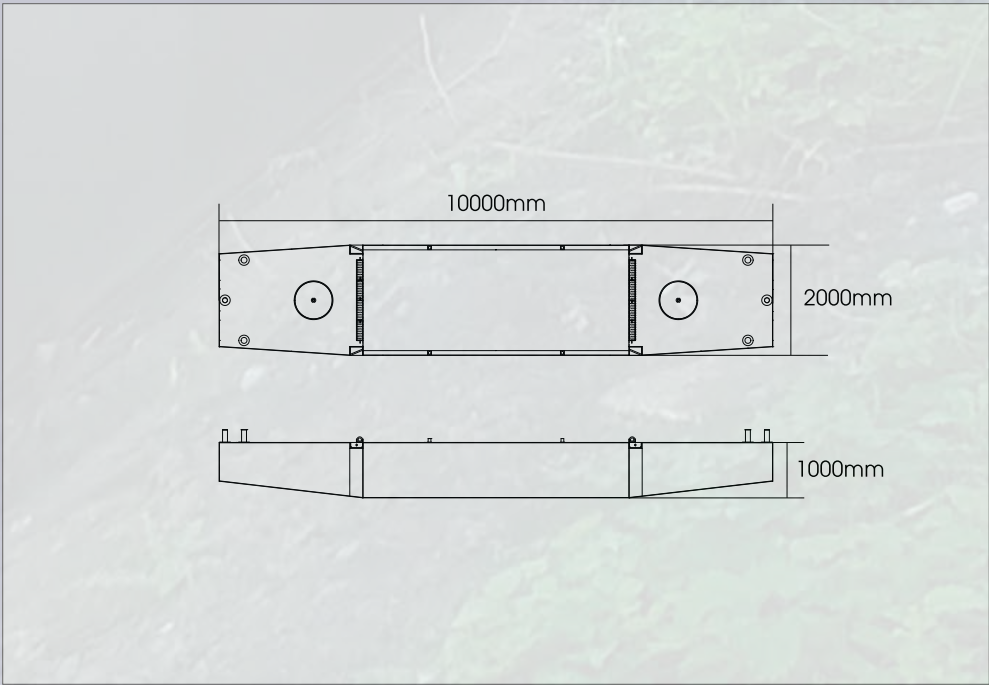
LIGHTWEIGHT CLASS MK3

CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Lightweight	2m	10m	3.7T	1m	10T

Designed to be used on the canal network this class of hopper has a capacity of up to 10 Tonnes and still only have a laden draft of 1m.



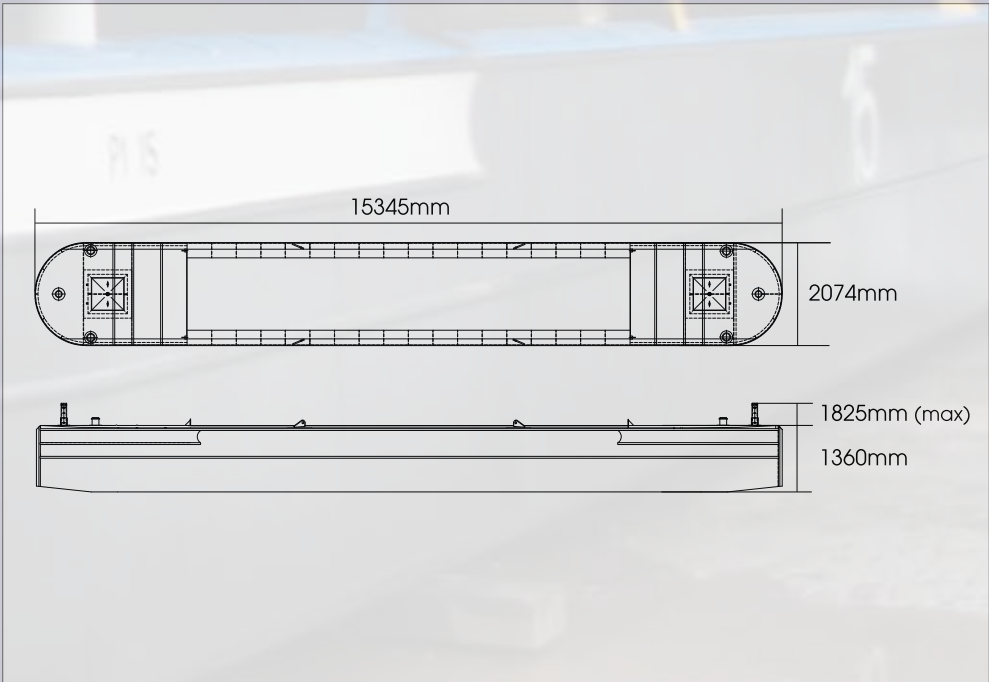
 LAND & WATER



INDIAN CLASS

CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Indian	2.1m	15.4m	8T	1.3m	20T

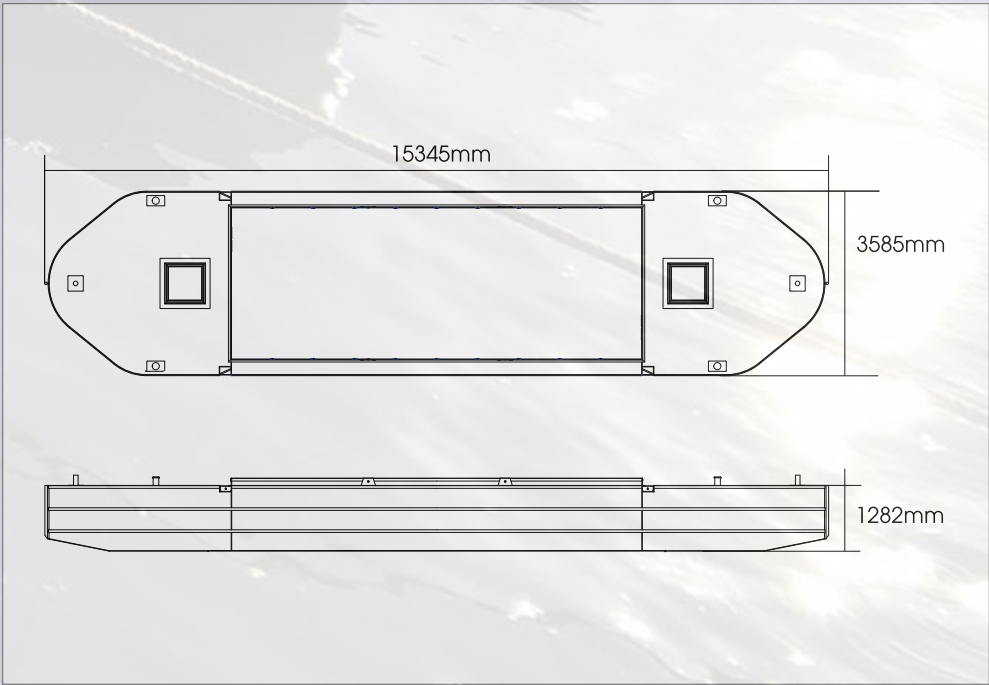
Designed to be used on the canal network this class of hopper has a capacity of up to 20 Tonnes and still only have a laden draft of 1.3m.



LAND & WATER CLASS

CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Land & Water	3.6m	15.4m	14T	1.3m	30T

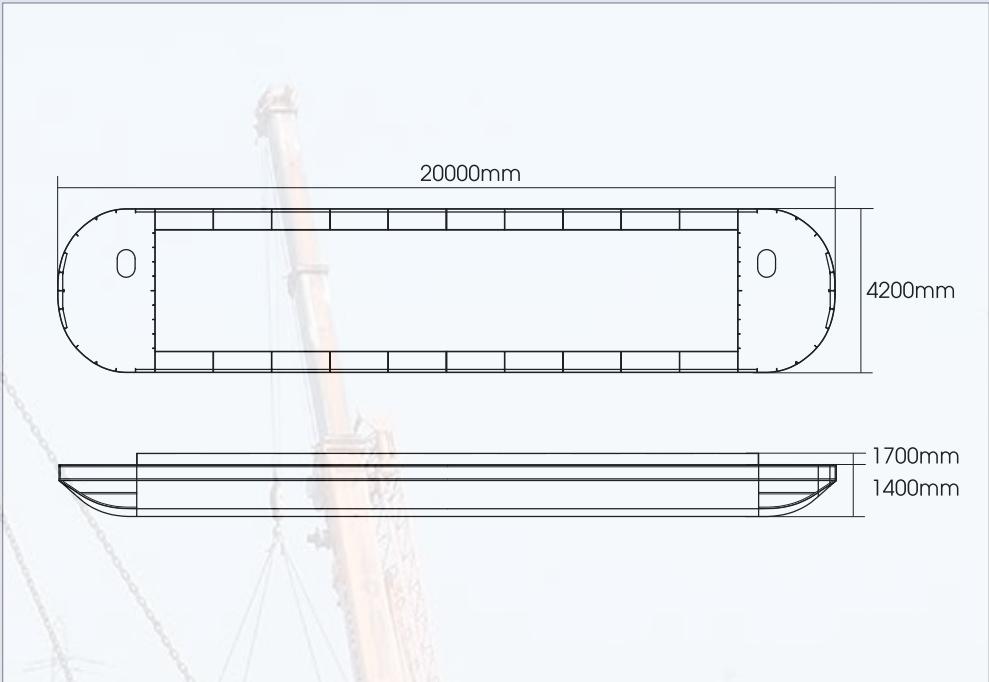
Designed to be used on inland waterways or rivers this class of hopper has a capacity of up to 30 Tonnes with a laden draft of 1.3m.



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OLYMPIC CLASS



CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Olympic	4.2m	20m	20T	1.1m	80T

Designed to be used on inland waterways or rivers this class of hopper has a capacity of up to 80 Tonnes with a laden draft of 1.1m.

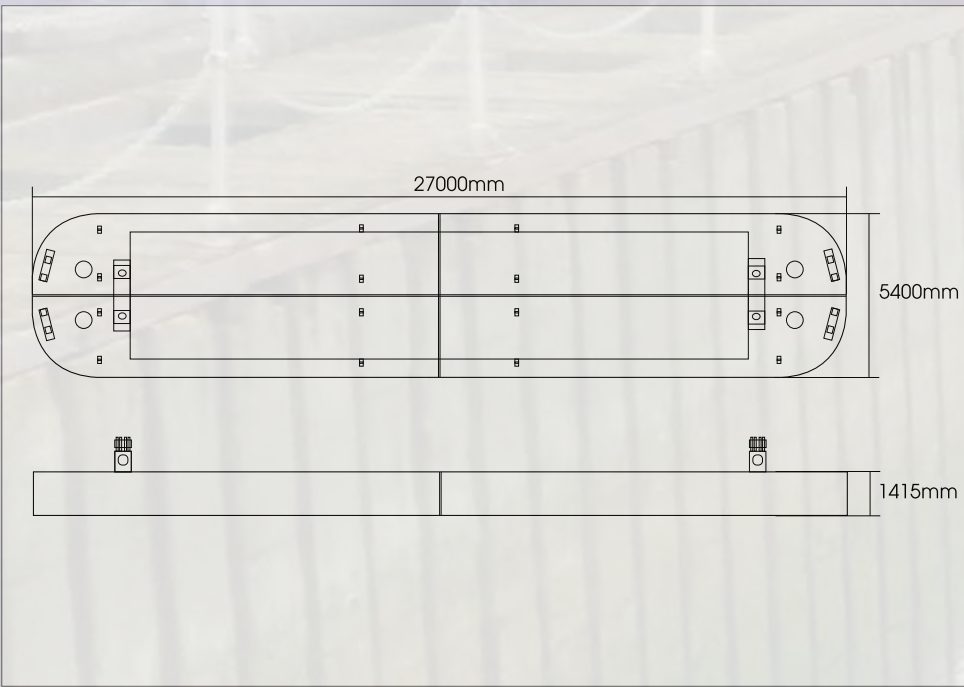
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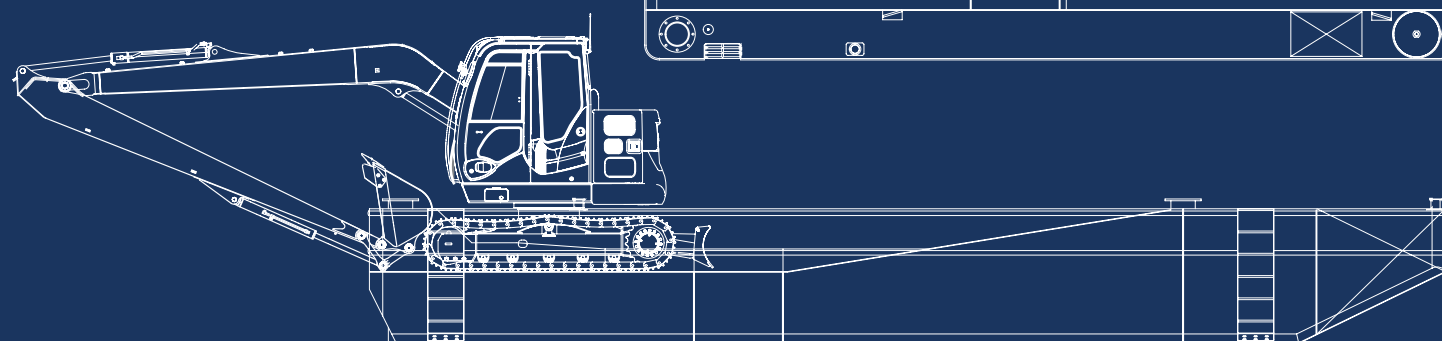
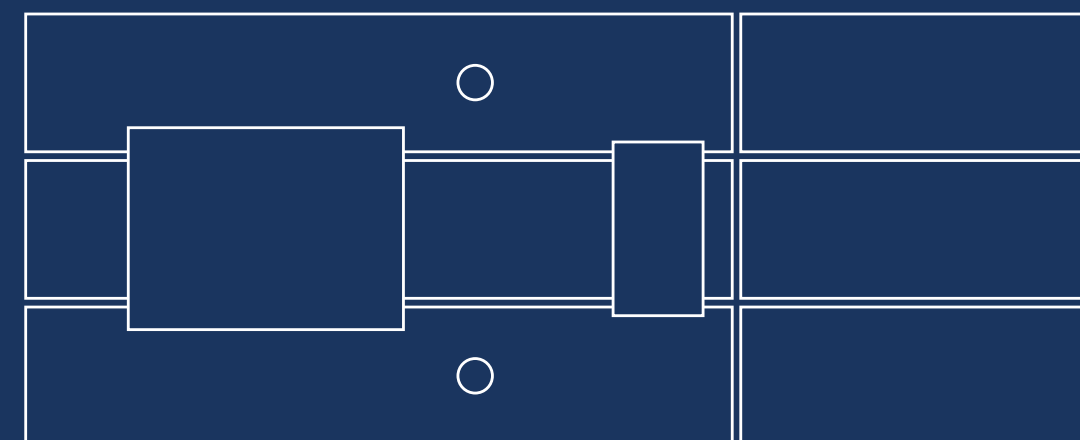
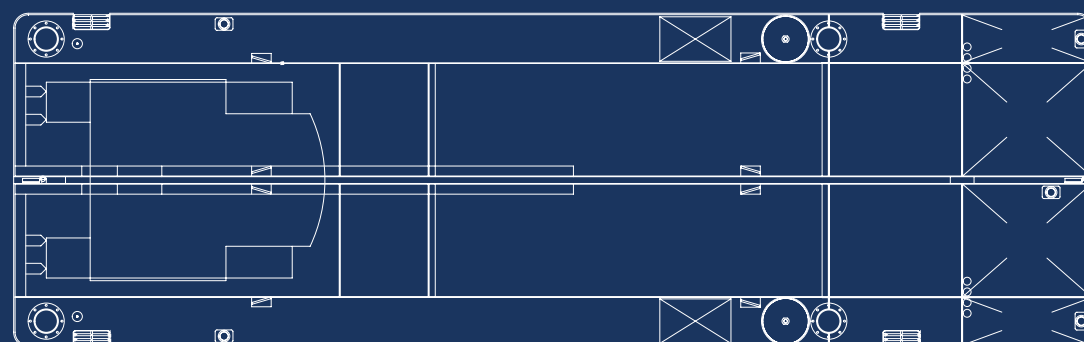
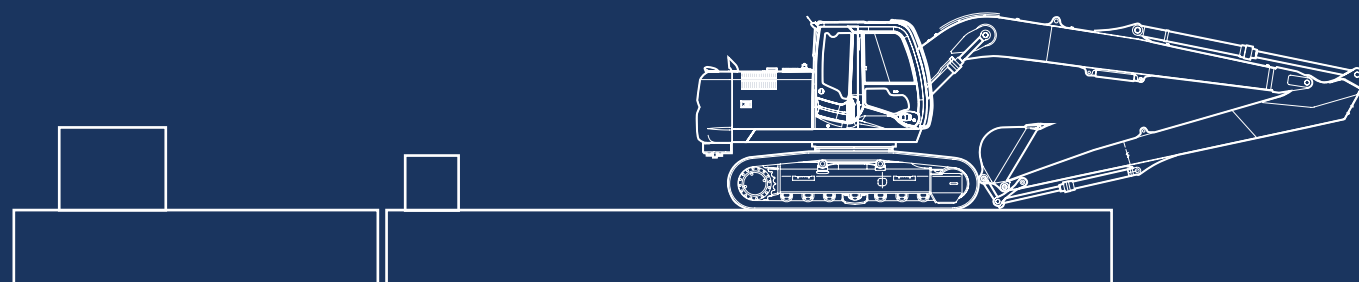
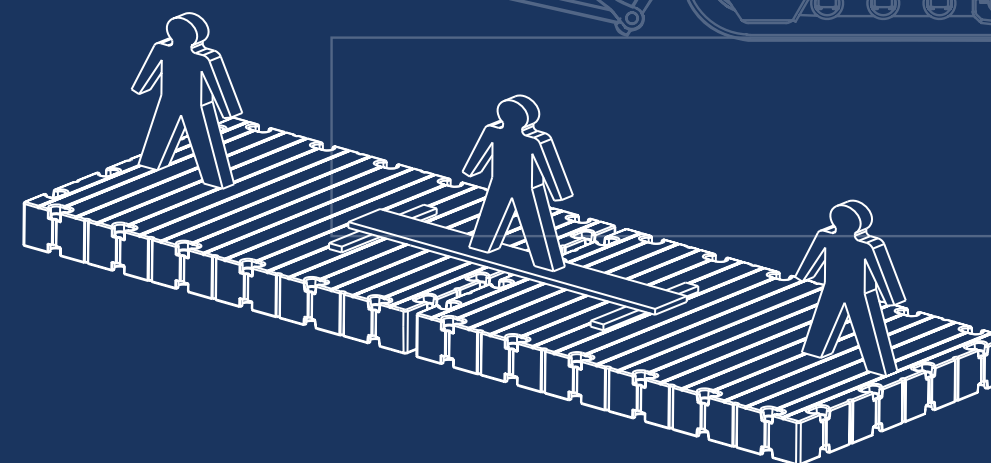
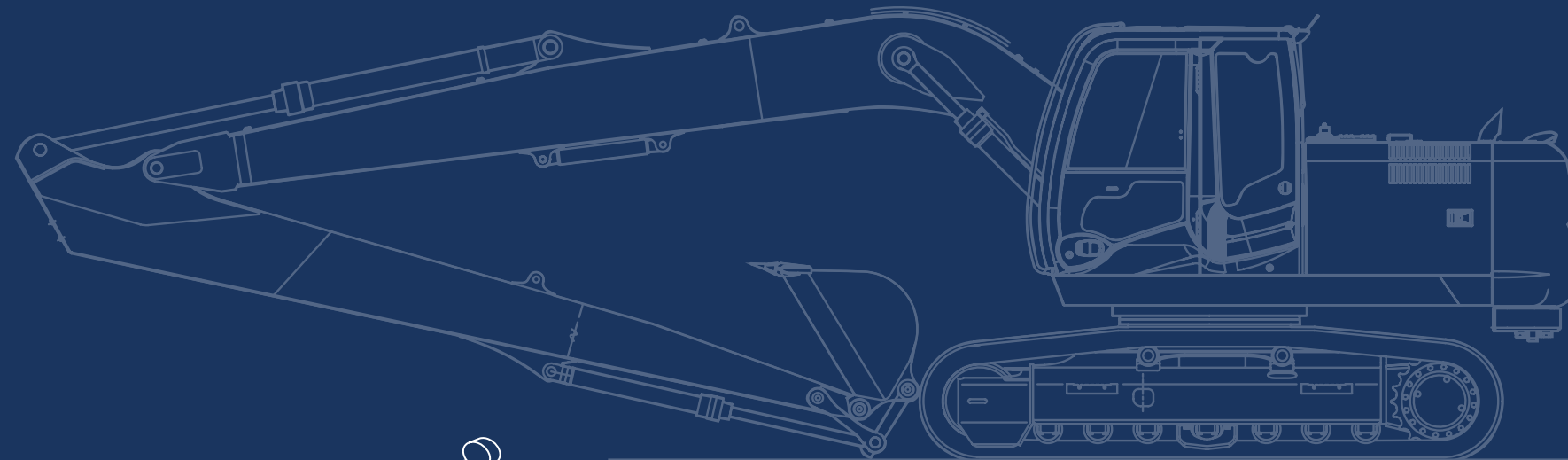
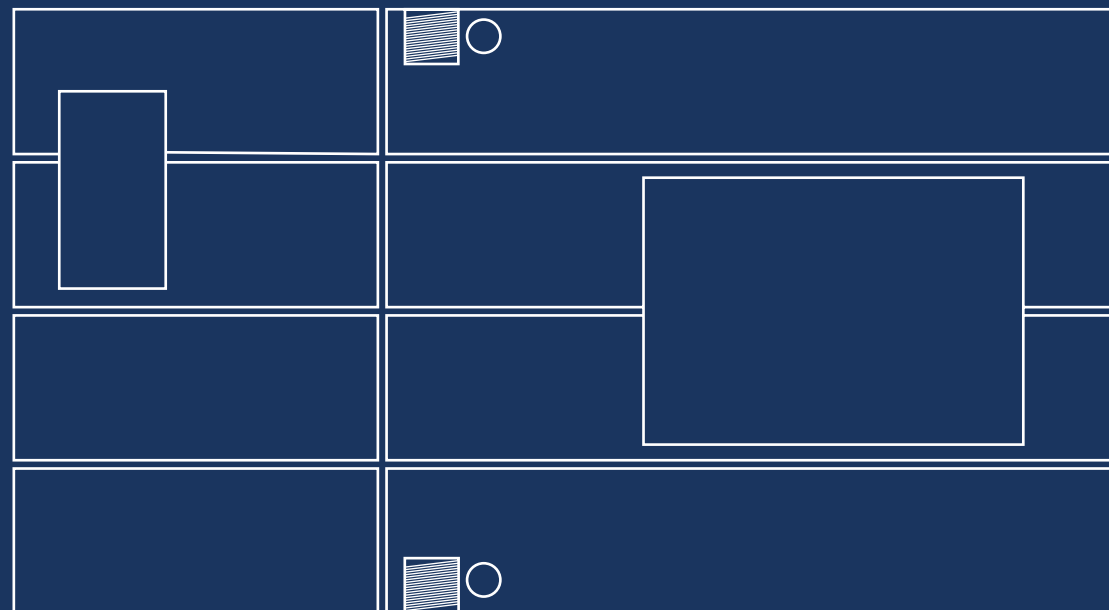
BOTTOM DUMP

CLASS	MAX WIDTH	MAX LENGTH	MAX WEIGHT	LADEN DRAFT	MAX CAPACITY
Bottom Dump	5.4m	27m	44T	1.4m	120T

Designed to be used on inland waterways or rivers this class of hopper has a capacity of up to 100 Tonnes with a laden draft of 1.4m. There is no need to unload this hopper as it will split into two to discharge its load.



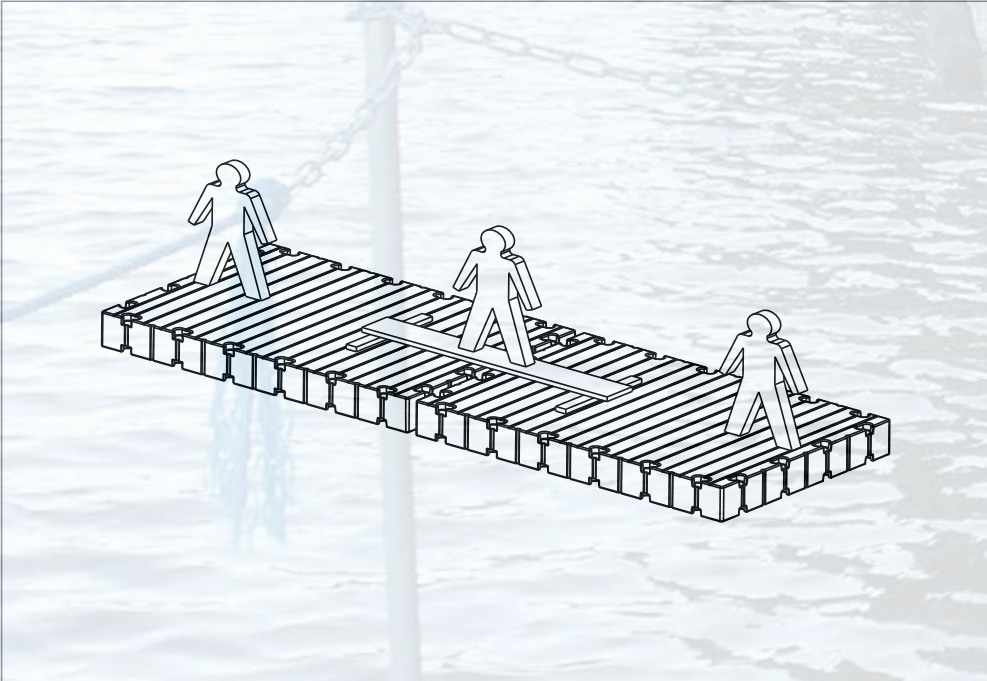
PONTOONS



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MODULAR



PONTON TYPE	MATERIAL	OVERALL LENGTH	OVERALL WIDTH	MAX SPUD LEG LENGTH	CARRYING CAPACITY
Modular	Polymer Plastic	1.5m (Section)	1m (Section)	N/A	450kg (Section)

Made out of a polymer plastic these are lightweight yet very buoyant. Due to their size and weight these can be constructed on site and are ideal as walkways, working platforms or for bridge inspections.

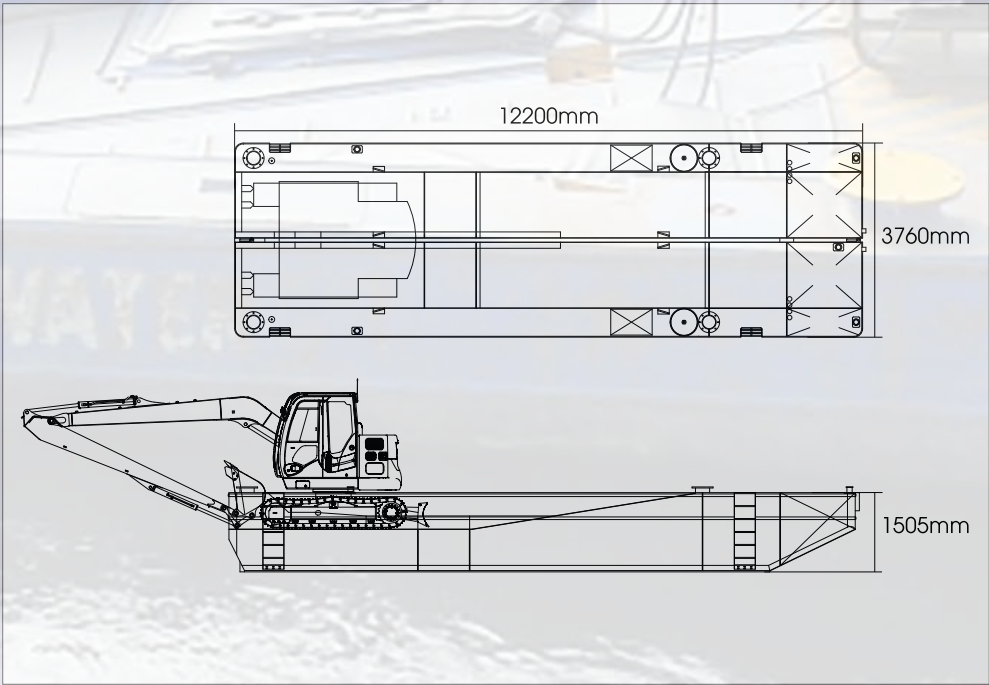
KNOCKDOWN

PONTOON TYPE	MATERIAL	OVERALL LENGTH	OVERALL WIDTH	MAX SPUD LEG LENGTH	CARRYING CAPACITY
Modular	Steel	12.2m	3.76m	5m	9T

This road transportable pontoon has been designed to be used on the canal network and inland waterways. This pontoon can be supplied with up to 5m spud legs and can carry up to an 8½ Tonne Long Reach Excavator.



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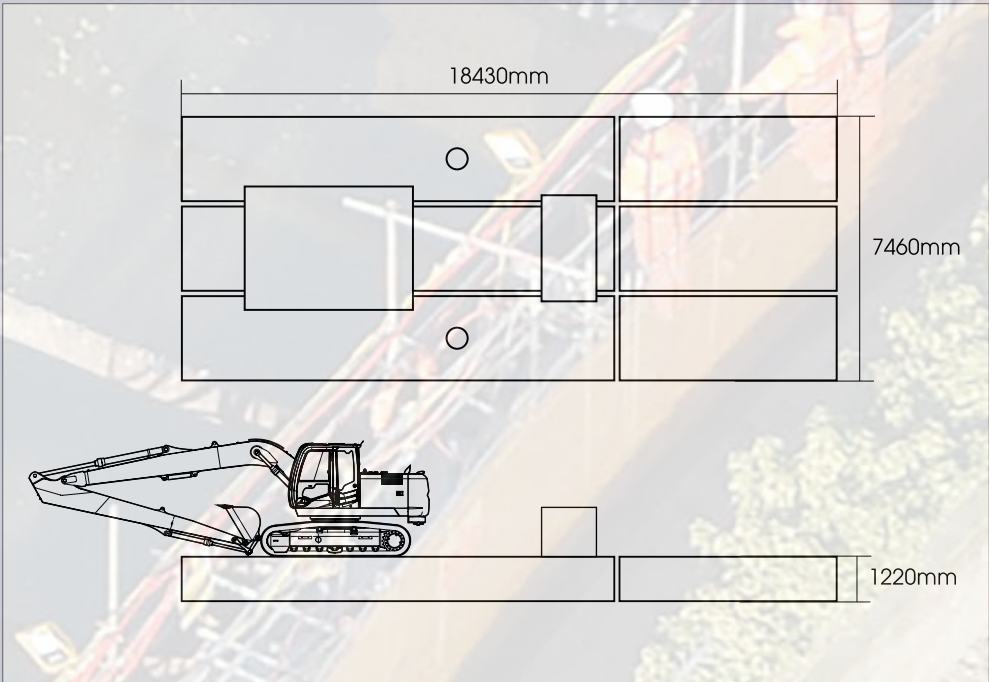
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6 SECTION RAVESTIEN

PONTOON TYPE	MATERIAL	OVERALL LENGTH	OVERALL WIDTH	MAX SPUD LEG LENGTH	CARRYING CAPACITY
Modular	Steel	18.4m	7.32m	20m	28T

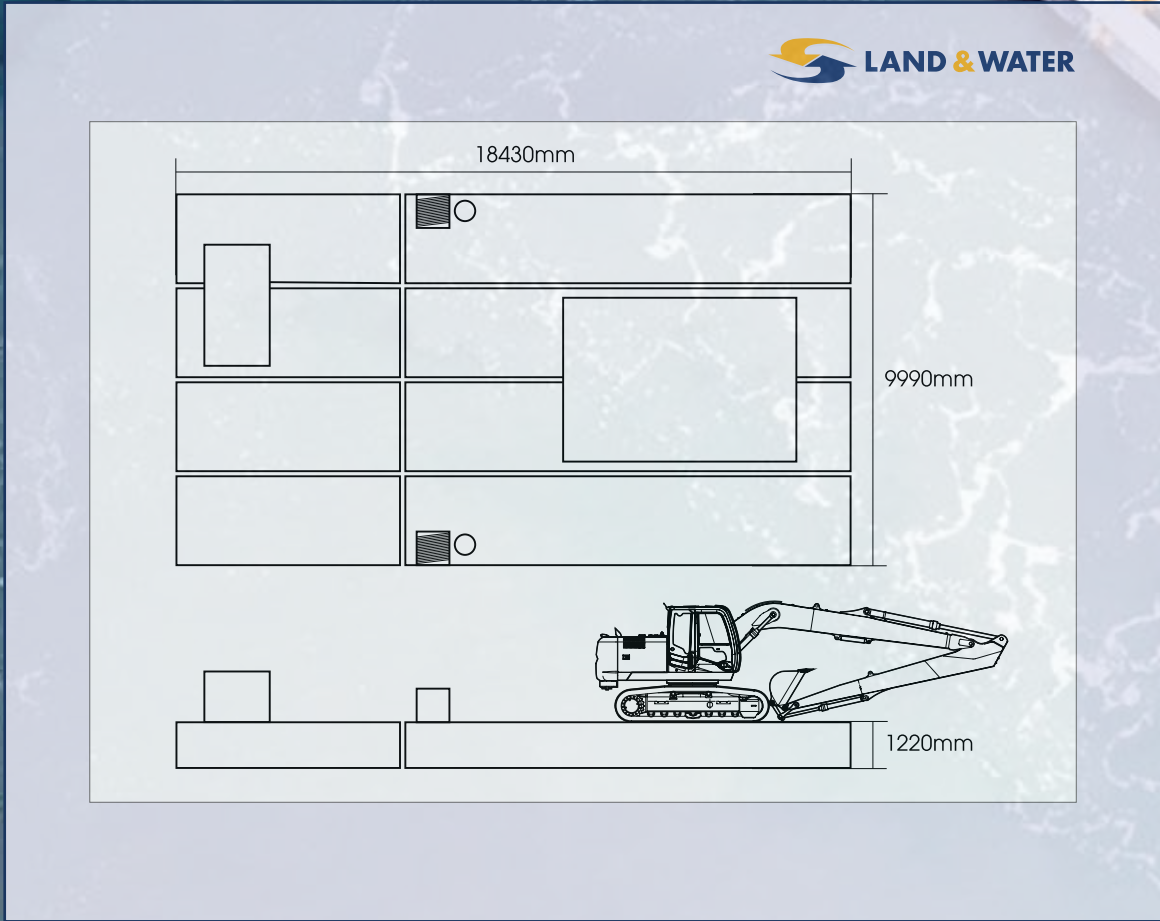
This fully road transportable pontoon has been designed to be used on inland waterways or rivers and can carry up to a 30 Tonne Long Reach Excavator. This excavator can be fitted with a rise and fall spud leg system that allows it to be used in tidal areas.



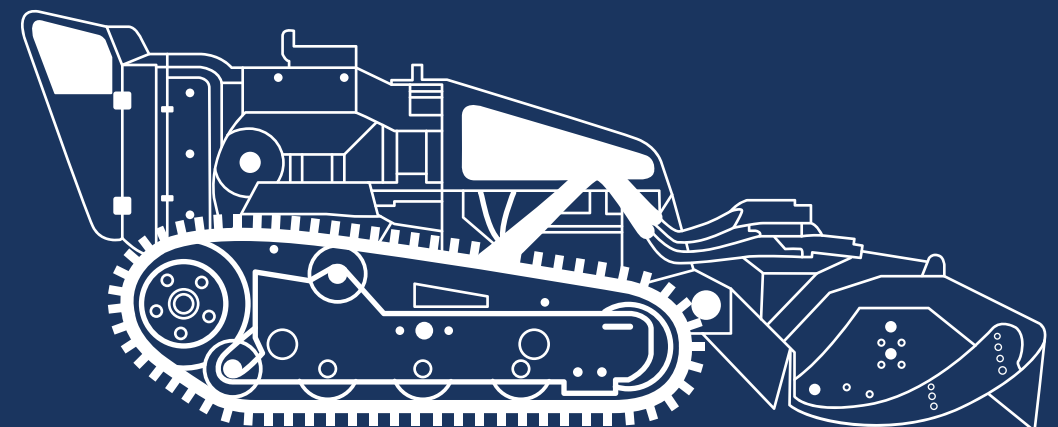
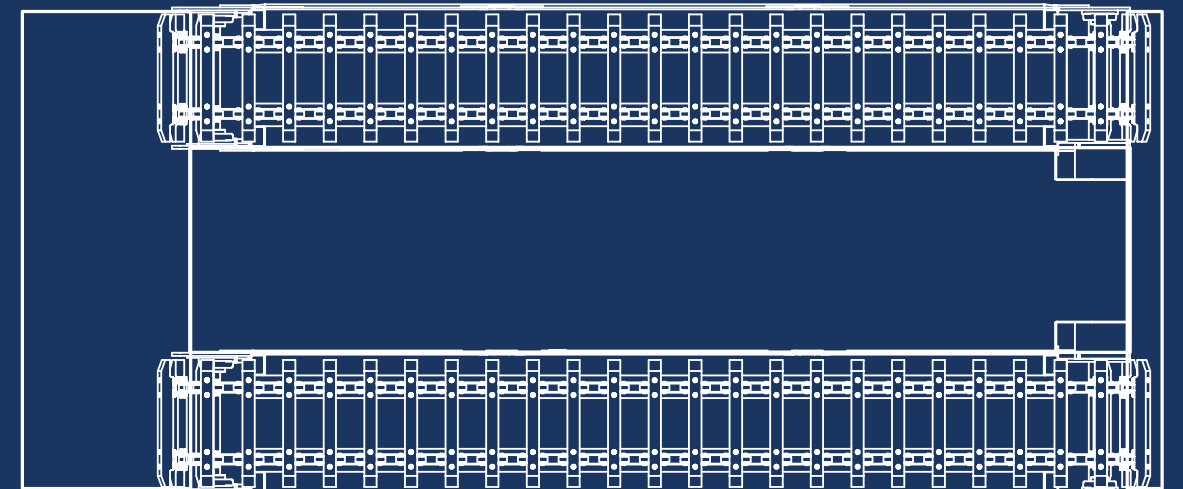
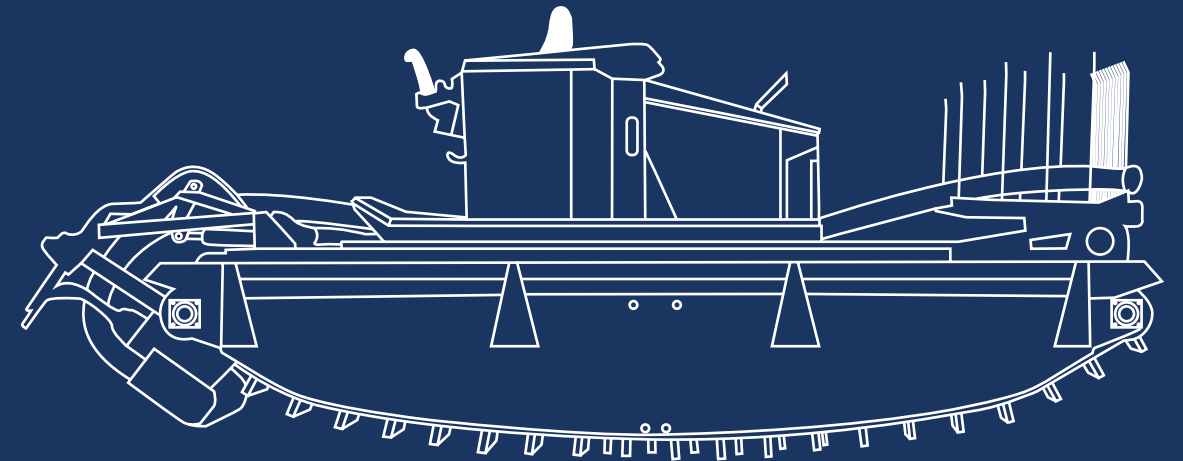
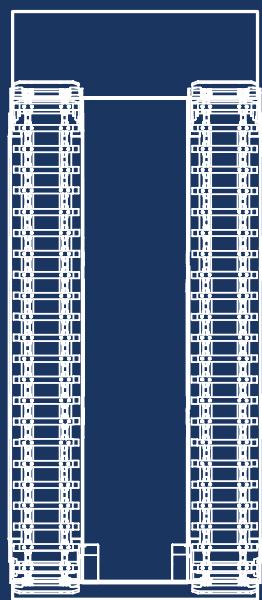
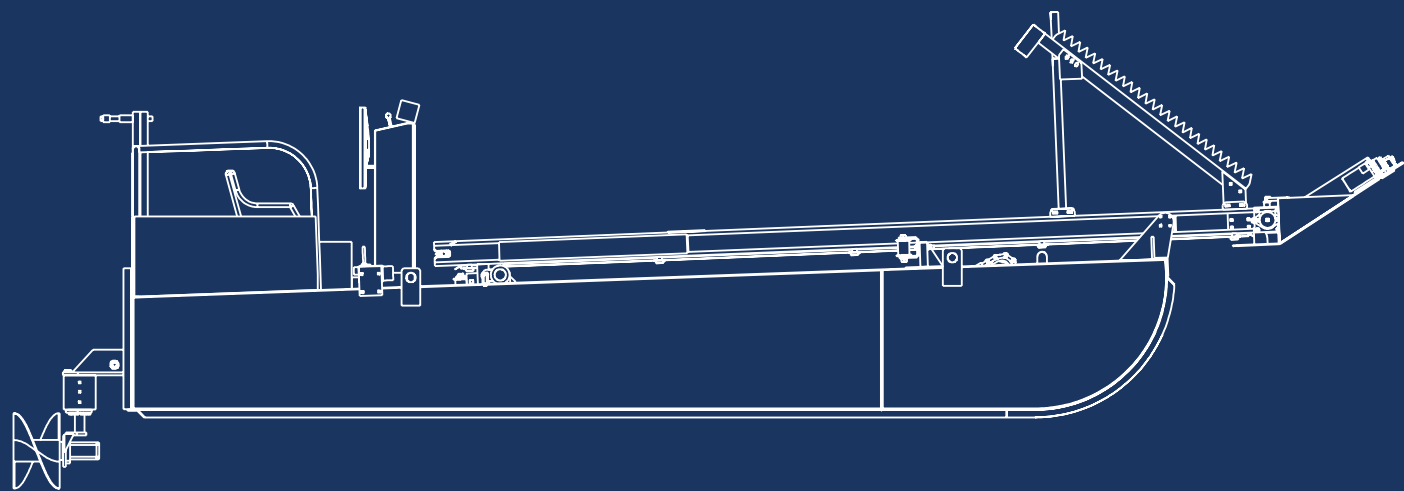
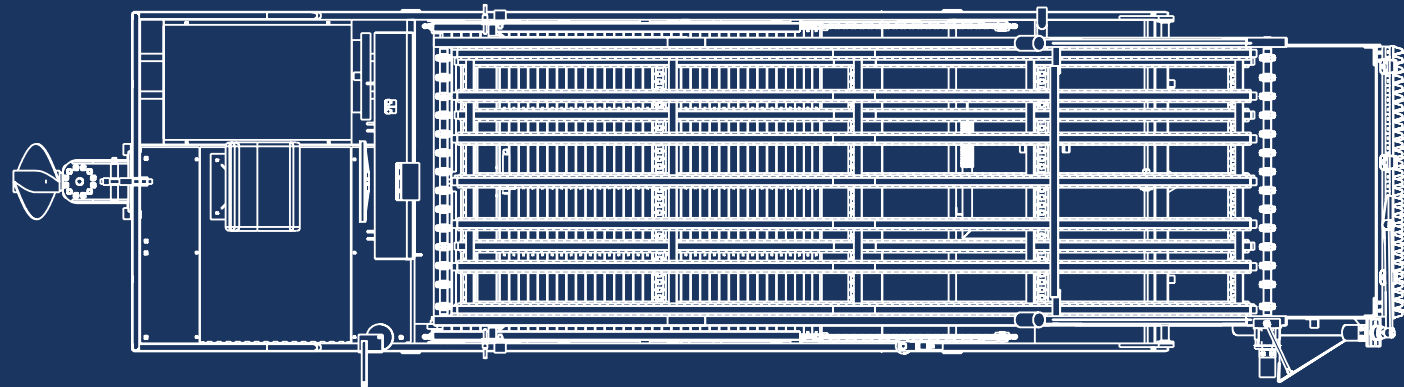
8 SECTION RAVESTIEN

PONTOON TYPE	MATERIAL	OVERALL LENGTH	OVERALL WIDTH	MAX SPUD LEG LENGTH	CARRYING CAPACITY
Modular	Steel	18.4m	9.76m	18m / 20m	40T / 55T

This fully road transportable pontoon has been designed to be used on inland waterways or rivers and can carry up to a 40 Tonne Long Reach Excavator. This excavator can be fitted with a rise and fall spud leg system that allows it to be used in tidal areas. We also have a 10 section version of this pontoon that is capable of carrying 55 Tonnes.



VEGETATION MANAGEMENT



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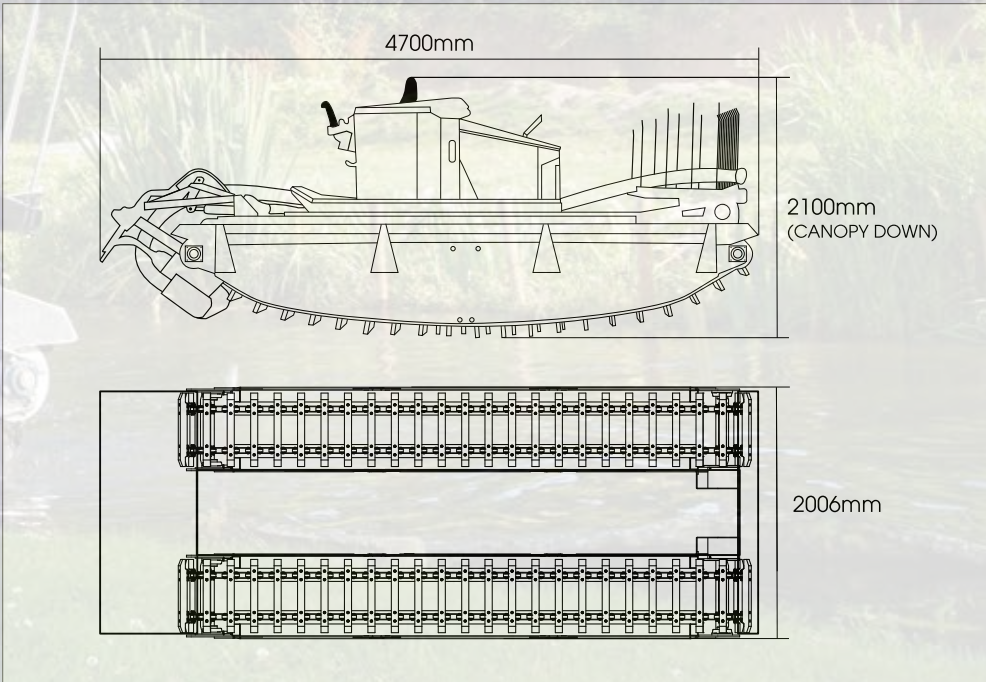
TRUXOR

MODEL	MAX WIDTH	MAX LENGTH	MAX WEIGHT	MAX CUT DEPTH	MAX CUT SPEED	ATTACHMENT CARRIER	DELIVERY
Truxor	2.06m	4.7m	1400kg	2.1m	5kph	Yes	4x4 & Trailer

This is a true amphibian that can track itself into and out of the watercourse, cut and collect the weed and then place it back onto the bank all without the need for any manual labour. Apart from being a weed cutter the Truxor is a tool carrier and can be used for a myriad of applications from dredging using a digging attachment or a cutter suction dredging head, heavy duty weed / reed cutting and even bank cutting.



LAND & WATER



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TRUXOR ATTACHMENTS

HEIGHT LIMITER

The height limiter is designed to protect workers from overhead danger when operating in restricted conditions.



SLEW RESTRICTOR

The Slew Restrictor is designed to prevent the operator from causing a dangerous situation by slewing into a restricted area (Railway Lines and Roads).



2D DIG SYSTEM

This dig system allows the operator a visual reference on a screen in the cab, the position, depth and grade of the excavators bucket when working below the waterline or out of direct sight.



3D DIG SYSTEM

This dig system uses multiple satellites to gain a 'Fix' on the excavator's position on site and coupled with sensors on the boom, dipper and bucket linkage.



RCI

A Rated Capacity Indicator (RCI) is a device which is installed on lifting equipment, such as excavators to alert the operator if the lift is exceeding the safe operating range of the machinery.

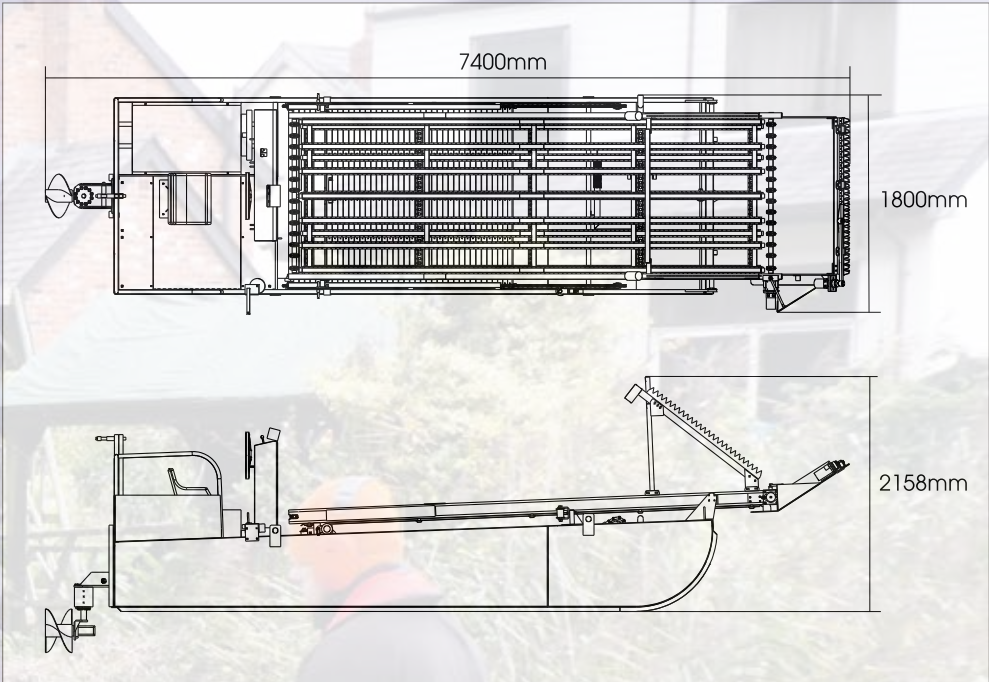


COLOUR CAMERA

Fitted to either the boom or dipper of the excavator this camera will allow the operator to see the bucket without the need for a banksman.



CUTTER/HARVESTER BOAT



MODEL	MAX WIDTH	MAX LENGTH	MAX WEIGHT	MAX CUT DEPTH	MAX CUT SPEED	ATTACHMENT CARRIER	DELIVERY
Cutter/Harvester Boat	1.8m	7.4m	2400kg	1.95m	5kph	No	4x4 & Trailer

This allows the operator to cut aquatic weeds from under the waterline and then discharge them on the bank without the need for any manual labour.

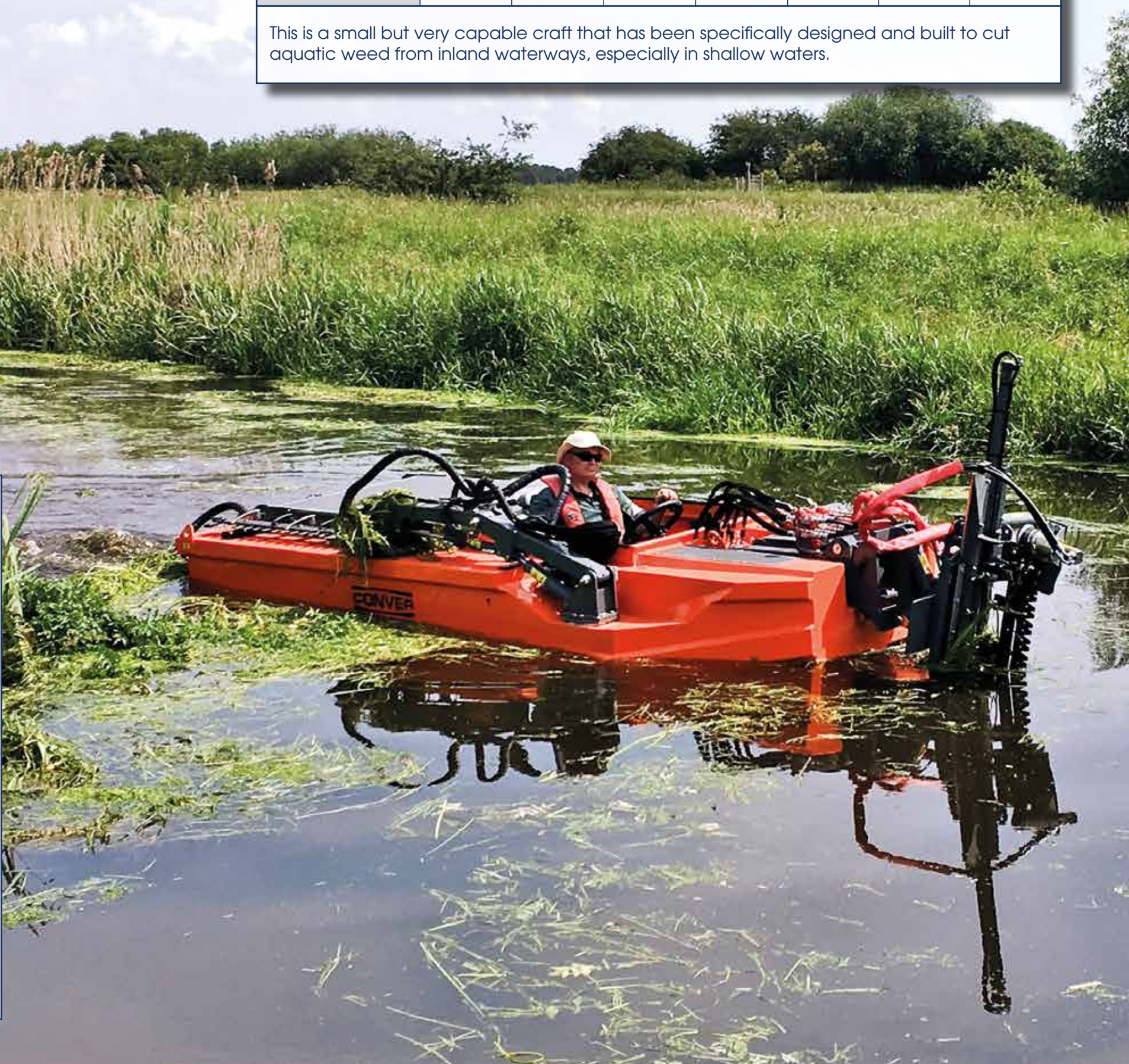
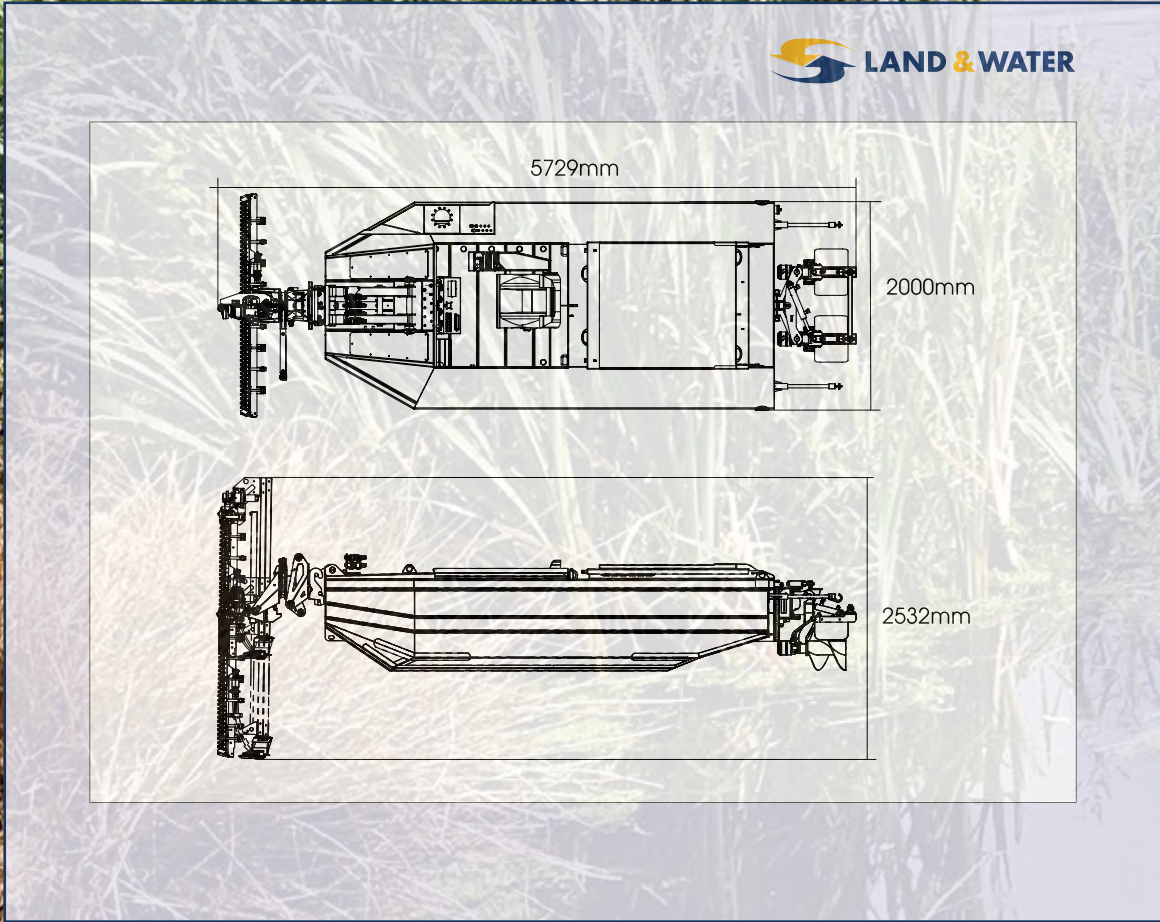
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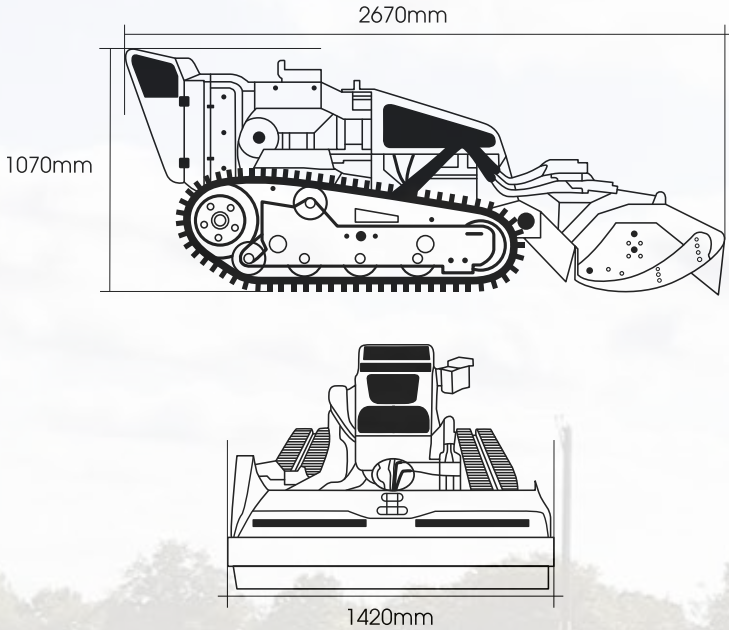
WEED CUTTER BOAT

MODEL	MAX WIDTH	MAX LENGTH	MAX WEIGHT	MAX CUT DEPTH	MAX CUT SPEED	ATTACHMENT CARRIER	DELIVERY
Weed Cutter Boat	2m	5.73m	1850kg	1.2m	7kph	Yes	4x4 & Trailer

This is a small but very capable craft that has been specifically designed and built to cut aquatic weed from inland waterways, especially in shallow waters.



ROBOFLAIL



MODEL	MACHINE WEIGHT	MIN HEIGHT	MIN LENGTH	MIN WIDTH	MAX WORK RANGE	MAX CUT WIDTH	MAX GRADIENT
Roboflail	1040kg	1.07m	2.67m	1.42m	150m	1.3m	55°

The RoboGreen is a remote controller multifunctional equipment carrier that can work in the most hostile places with slopes up to 55°, where the access is very difficult. Equipped with a 40hp diesel Yanmar engine and four double effect hydraulic functions that can carry 22 different types of equipment. Ideal for working in environments around water, road or rail.



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ELECTRONIC CONTROL SYSTEMS

HEIGHT LIMITER

The height limiter is designed to protect workers from overhead danger when operating in restricted conditions.



SLEW RESTRICTOR

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COLOUR CAMERA

Fitted to either the boom or dipper of the excavator this camera will allow the operator to see the bucket without the need for a banksman.



EXCAVATOR ATTACHMENTS

BREAKER



GRIP TALON



CLAMSHELL GRAB (REHANDLING)



COMPACTOR PLATES



TILT ROTATORS



UNDERWATER BREAKER



A breaker specifically adapted to allow it to work under water. This attachment is powered directly by the auxiliary hydraulic system of the excavator but will need to be pressurised by a separate compressor.

CLAMSHELL GRAB (DIGGING)



A clamshell grab attachment fitted with teeth to enable it to dig virgin soil and especially useful for digging shafts.

ORANGE PEEL GRABS



For the loading and discharging of scrap, small rocks, wood chips and many more objects.

POST DRIVERS



This attachment can be used to drive either round or square posts and stakes into the ground.

WEED CUTTING BUCKETS



With their reciprocating blades these buckets can cope with the majority of aquatic weeds.

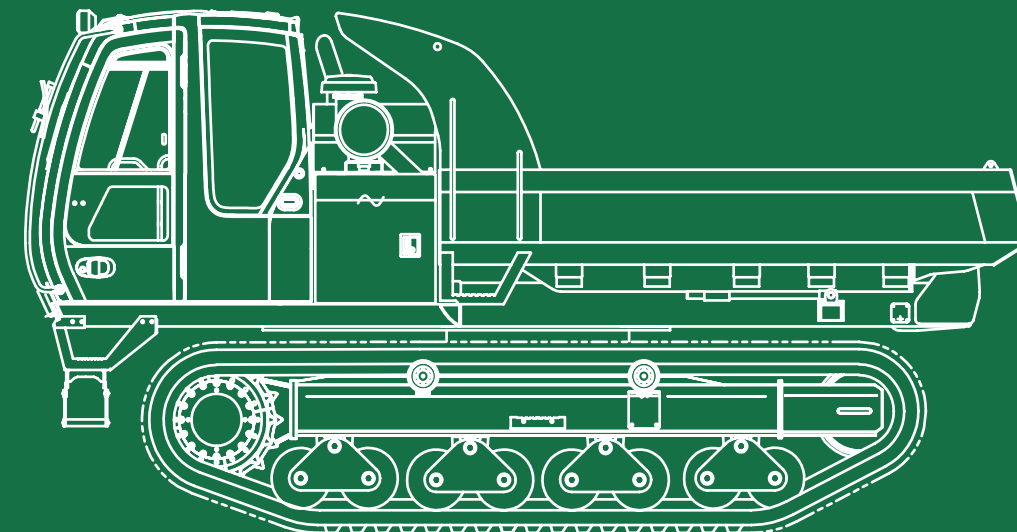
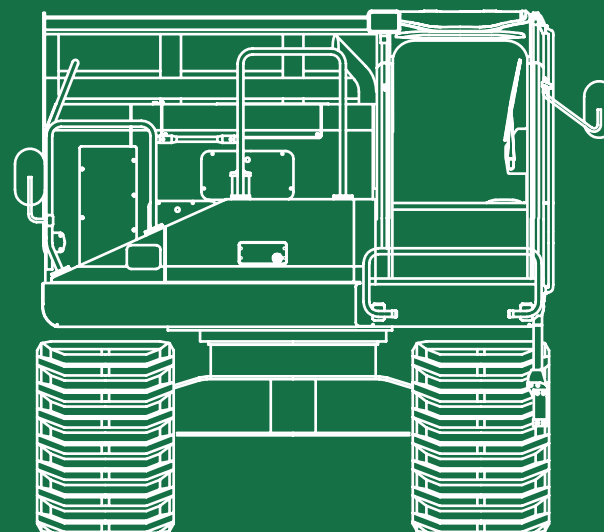
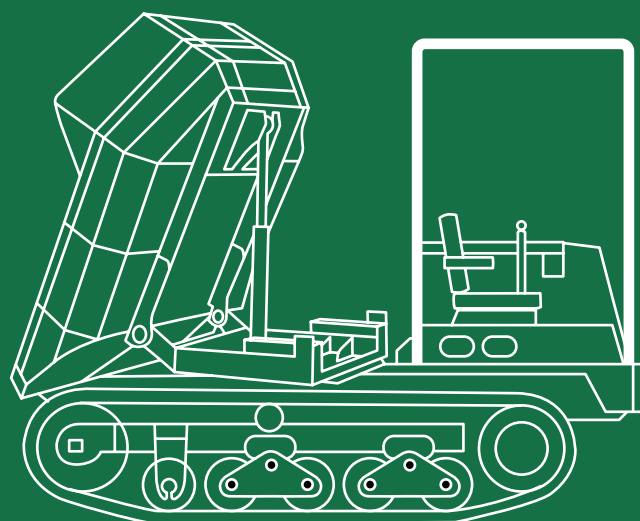
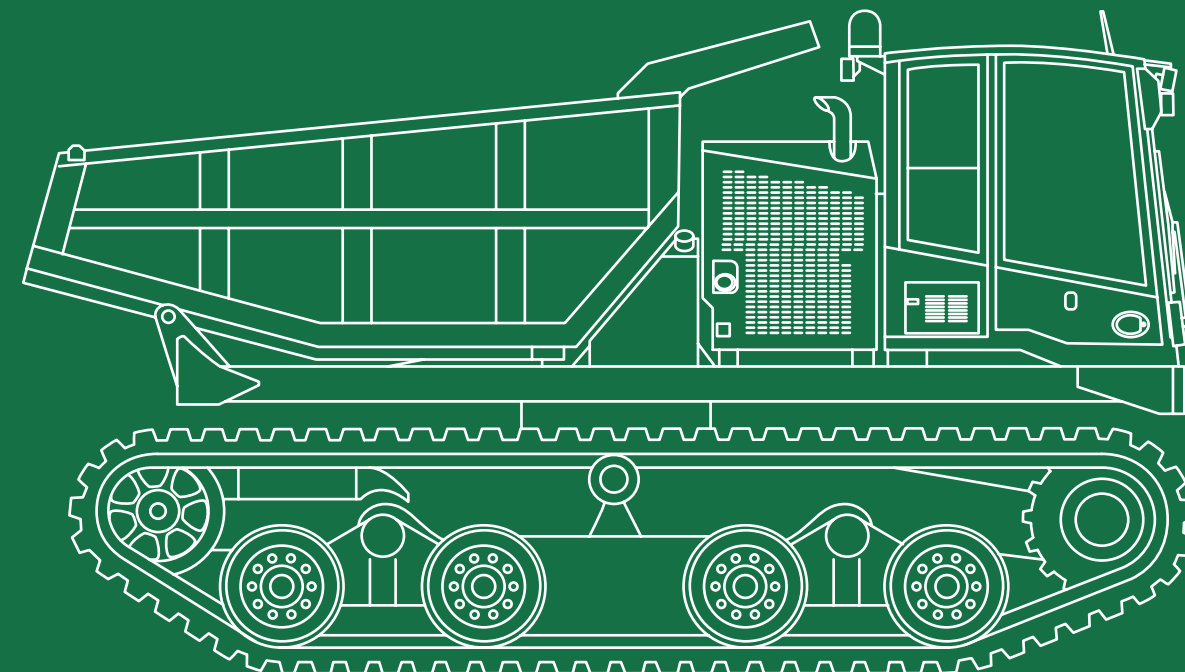
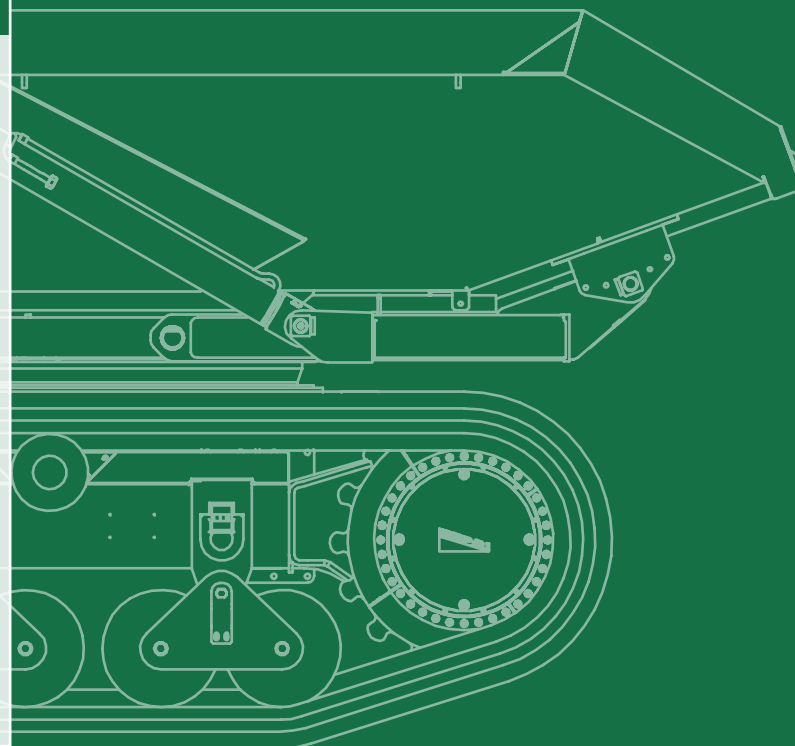
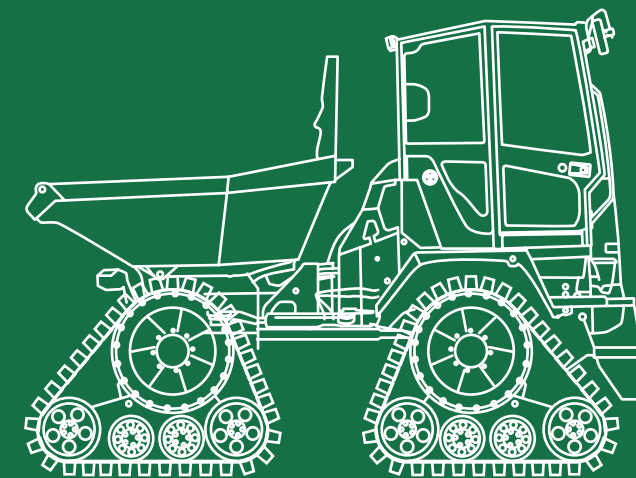
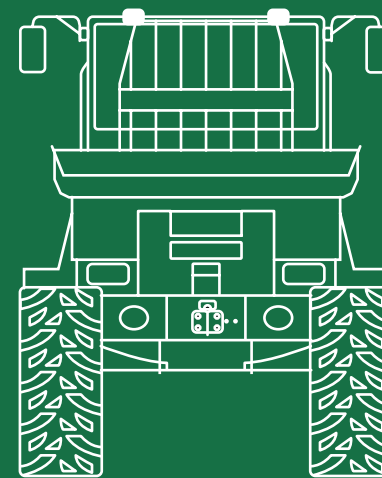
NATIONAL TRACKED DUMPER

NTD

NATIONAL TRACKED DUMPER HIRE LTD

NTD launched in January 2015. The aim of the business is to offer customers the latest, safest, greenest, most reliable, modern tracked dumpers available in the UK. The unrivalled quality of the equipment is matched with a desire to provide the very best in customer support. Attaining ISO 9001 within the first year of trading demonstrates NTD's mission to excel in all areas of their customer experience.

Significant ongoing investment from day one has quickly established NTD with the youngest and broadest fleet of tracked dumpers available in the UK. The Fleet is supported with the UK's most substantial tracked dumper depot network and field service teams to ensure the highest possible level of customer support is provided.



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NATIONAL TRACKED DUMPER



OPERATION WEIGHT	MACHINE WEIGHT	MAX LENGTH	MAX HEIGHT	MAX WIDTH	MAX PAYLOAD	SLEWING /RIGID
2.5 TONNE SWIVEL	2.7T	3.5m	2.3m	1.7m	2.5T	Swivel Skip
3.5 TONNE SWIVEL	6T	4.5m	2.7m	2.2m	3.5T	Swivel Skip
5 TONNE RIGID	6.5T	4.5m	2.5m	2.4m	5T	Rigid
6.5 TONNE SWIVEL	7T	4.6m	3.2m	2.3m	6T	Swivel Skip
7 TONNE RIGID	9.2T	5.4m	2.9m	2.6m	7T	Rigid
7 TONNE 360° SLEW	11.5T	5.8m	3.1m	2.6m	7T	360° Slewing
10 TONNE SWIVEL	15.6T	6.2m	3.3m	2.9m	10T	Swivel Skip
11 TONNE RIGID	14.1T	6.3m	3.2m	2.9m	11T	Rigid
11 TONNE 360° SLEW	16T	5.9m	3.2m	2.9m	11T	360° Slewing
13.2 TONNE 360° SLEW	16.8T	5.8m	3.2m	2.5m	13.2 T	360° Slewing

FEATURE ICONS

YOU WILL FIND FEATURE ICONS UNDER EACH CHART THROUGHOUT OUR FLEET OF TRACKED DUMPER PAGES. PLEASE CALL US WITH ANY QUERIES.

-  **ROPS OPERATORS CAB**
Roll over Protection System.
-  **BIODEGRADABLE HYDRAULIC OIL**
All of our machines are supplied as standard with the highest quality **biodegradable hydraulic oil** available.
-  **HYDRAULIC ISOLATION SYSTEM**
The machine hydraulics are isolated with a “dead mans” lever.
-  **SEATBELT BEACON SYSTEM**
When fastened the flashing green beacon above the cab is illuminated.
-  **REVERSING CAMERA**
Reversing Camera System fitted to all closed cab machines.
-  **360° CAMERA**
360° Birdseye Camera System. Cameras on every side of the machine merge together on a 7 inch colour monitor.
-  **360° SLEWING**
Allows the upper structure to slew 360° independently of the track frame.

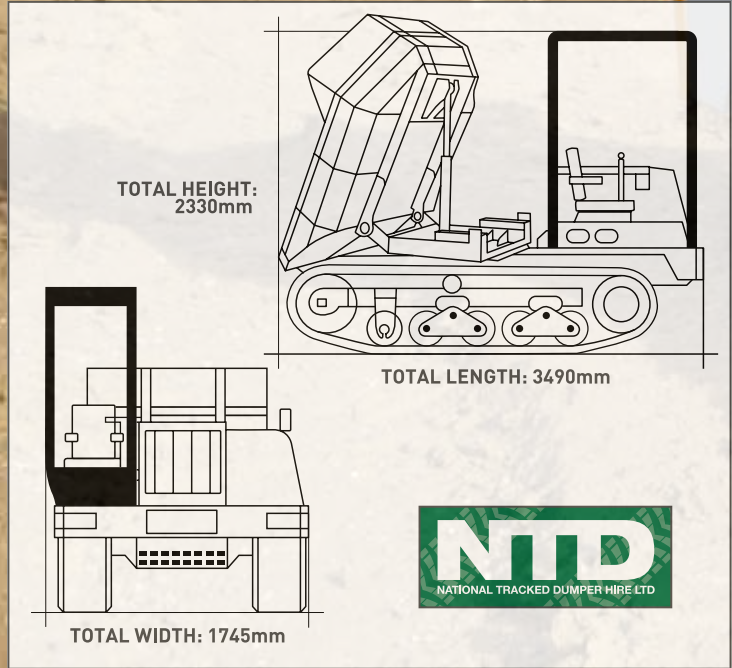
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2.5 TONNE SWIVEL

MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
MST-300VDR	2500kg	2710kg	61 Litres	9 kph	0.30kg/cm ²	0.57kg/cm ²	1600mm

Currently our smallest tracked dumper in the fleet is the MST 300 VDR. This machine is equipped with a 160° slewing skip, allowing the operator to side tip from both forward tipping and rear tipping set up. The Bi-Directional seat system dramatically reduces the amount of turning and reversing making this machine a great choice for smaller projects.



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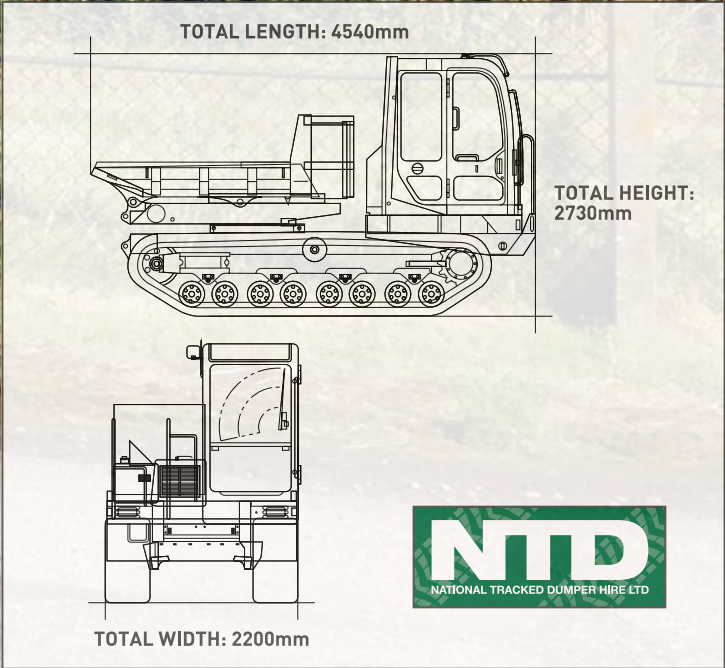
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3.5 TONNE SWIVEL

MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
C50R-5 TV	3500kg	6042kg	148 Litres	9.2 kph	0.21kg/cm ²	0.33kg/cm ²	2615mm

The Yanmar C50R-5 TV **are prepared for EU Stage 5 regulations.** Equipped with a 180° slewing skip and rotating operators seat, allowing the operator a 3-sided tip operation. Making this machine a very useful tool for material handling.

Having a closed air conditioned and heated operators cab, and a swivel seat system allowing the option of a forward or rear tipping set up, this machine is a perfect choice for dusty sites and winter months.



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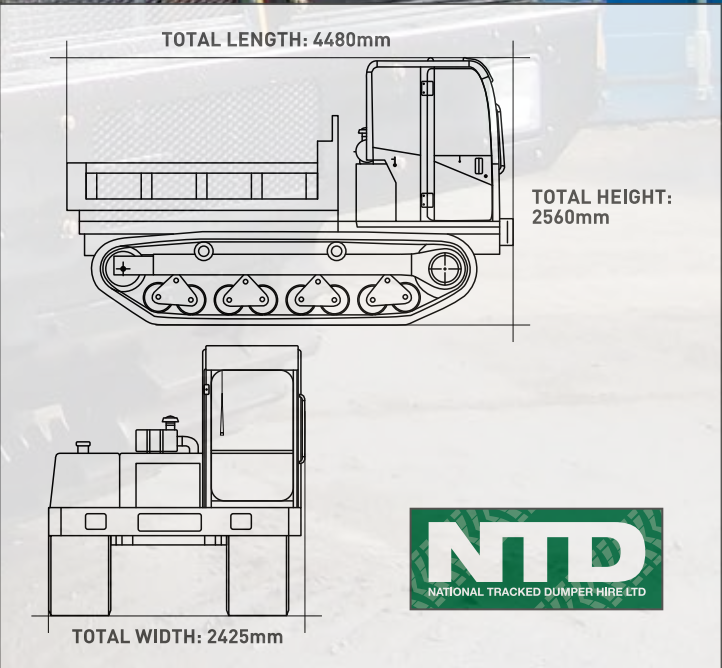
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5 TONNE RIGID

MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED
MST-800VD	4800kg	6500kg	130 Litres	11 kph	0.22kg/cm ²	0.38kg/cm ²

Flat body and drop down sides makes this machine a great tool carrier as well as a tip body dumper. Low ground pressure and great payload ability combined with a large fuel tank and good tracking speeds make this mid-sized tracked dumper a popular choice for many sites.

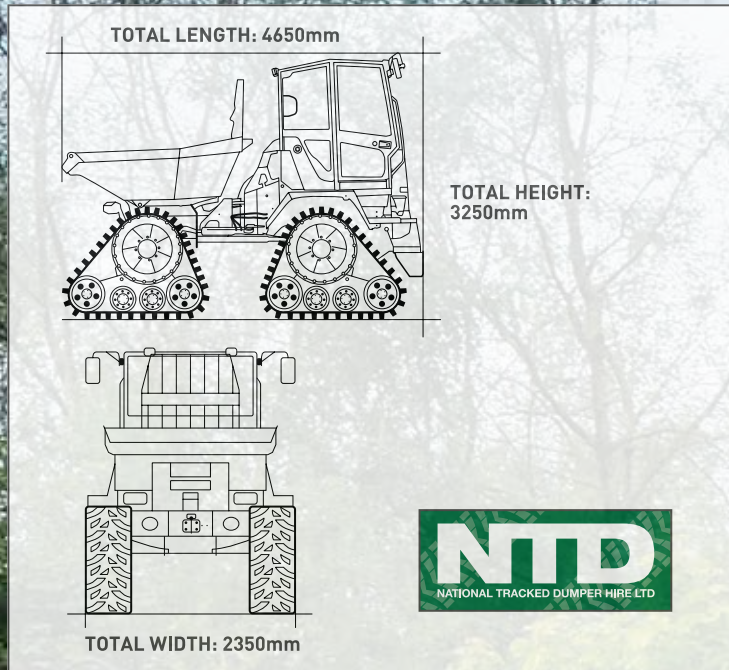
Optional towing hitch available.



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6 TONNE SWIVEL



MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED
DV60	6000kg	6930kg	80 Litres	16 kph

The Dual View 4-T is an exciting and powerful addition to our mid-sized range of tracked dumpers and comes equipped with a payload ability of 6 tonne. Its innovative Dual View system allows the driver to turn the seat and console 180° which guarantees unrestricted visibility and ensures maximum safety at all times. The unique **Four-Track system** has been designed specifically to cope with difficult topographical terrains and sensitive surface conditions, minimising its impact on the environment. An attractive alternative to four- wheeled loaders and two-tracked carriers, the DV60 offers high levels of operational efficiency, economy and environmental compliance.



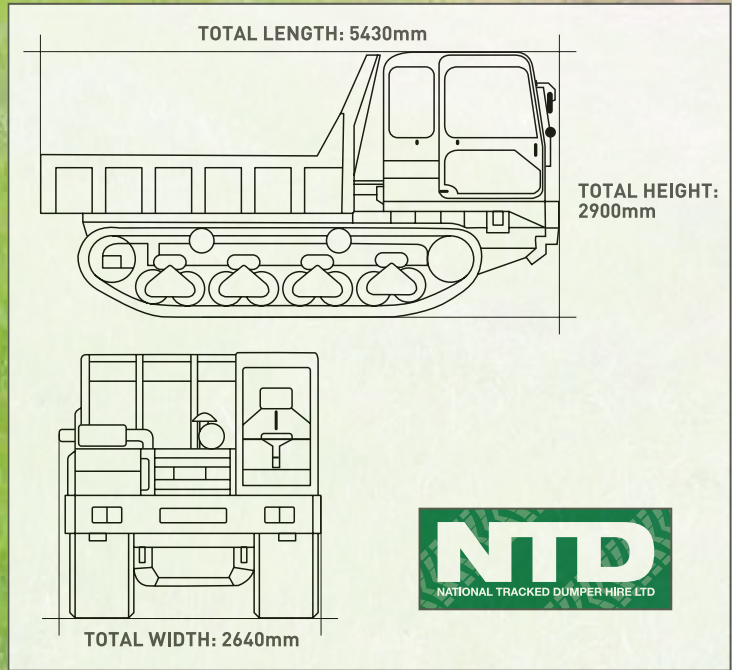
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7 TONNE RIGID

MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED
MST-1500VD	7000kg	9200kg	156 Litres	11 kph	0.21kg/cm ²	0.28kg/cm ²

This tracked dumper offers the perfect combination of payload and performance. These rigid rear tip tracked dumpers are ideal for working in construction, environmentally sensitive, agricultural and recreational sites. They have great traction in adverse ground conditions and can travel on steep inclines where a wheeled dumper struggles. Offering low ground pressure rubber tracks, ensuring reduced soil compaction.



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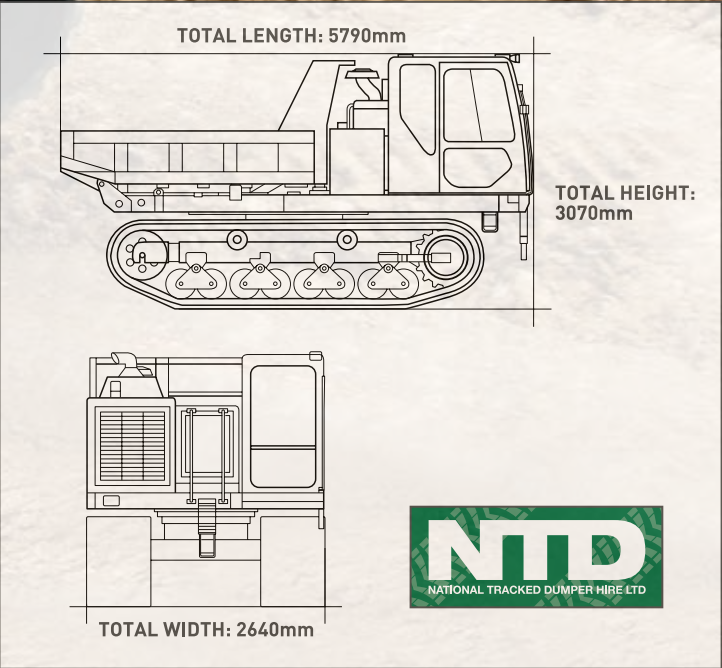
7 TONNE 360° SLEW



MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
MST-1500VDR	7000kg	11500kg	200 Litres	8.6 kph	0.27kg/cm ²	0.45kg/cm ²	3370mm

These mid-range 360° slewing tracked dumpers are a very popular model. This machine can fully tip a load at any radius, particularly useful on riverbanks where the operator may not have space to turn or where turning and reversing may be a risk. This offers huge safety and environmental benefits.

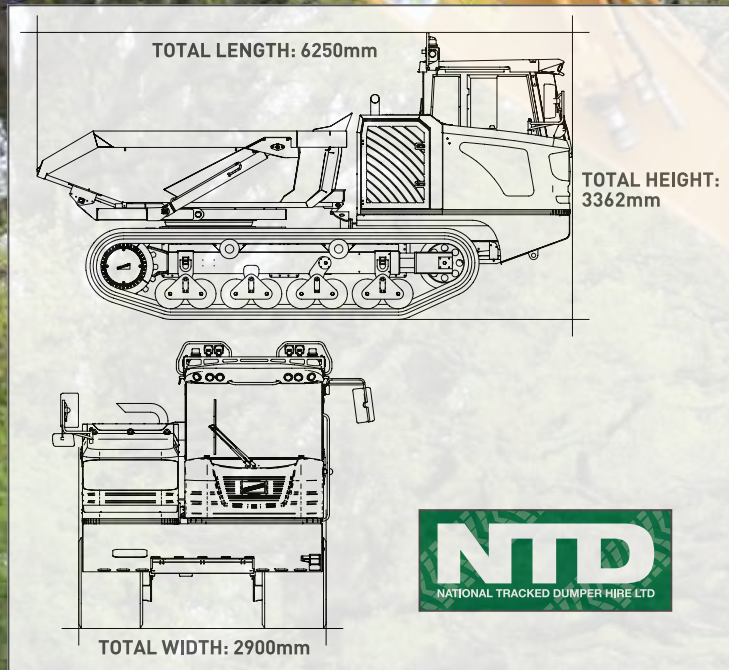
The operator is kept in a forward facing position at all times, resulting in faster speed of operation with comfort, there is almost never a need to reverse this machine. This model is Tier 4 Final/Stage 4, EU compliant.



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10 TONNE SWIVEL



MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
4010 R	10000kg	15640kg	225 Litres	15 kph	0.36kg/cm ²	0.59kg/cm ²	3445mm

The Bergmann 4010 R fulfils the requirements of the EU Tier 4 final emissions standards. The combination of a Bi-Directional operator console and swivel tip skip makes turning on unstable surfaces less time consuming and enhances safety on busy sites. The operators cab has a lot of space with automatic heating/air-conditioning and great visibility in both forward tip and rear tip positions. With low ground pressure, high traction and high speed, the 4010 R is the perfect choice for a versatile tracked dumper with a large payload capacity.



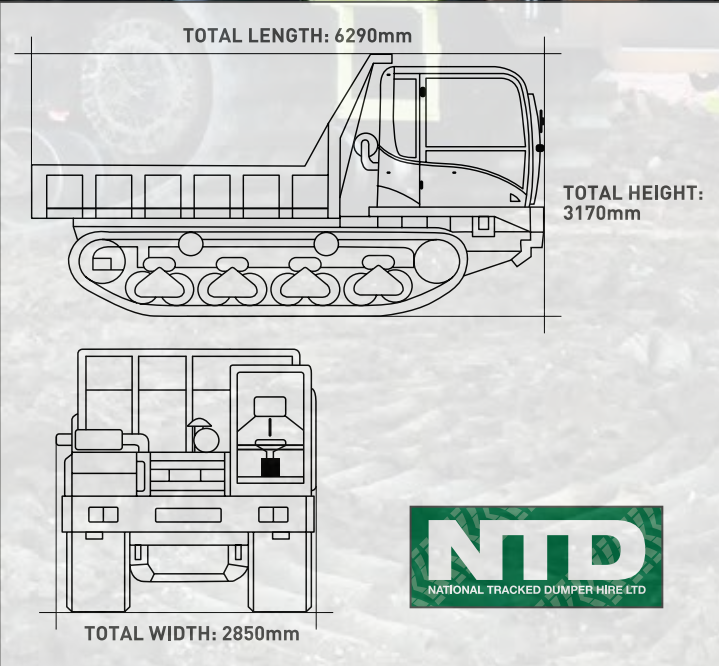
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11 TONNE RIGID

MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED
MST-2200VD	11000kg	14100kg	300 Litres	10 kph	0.33kg/cm ²	0.60kg/cm ²

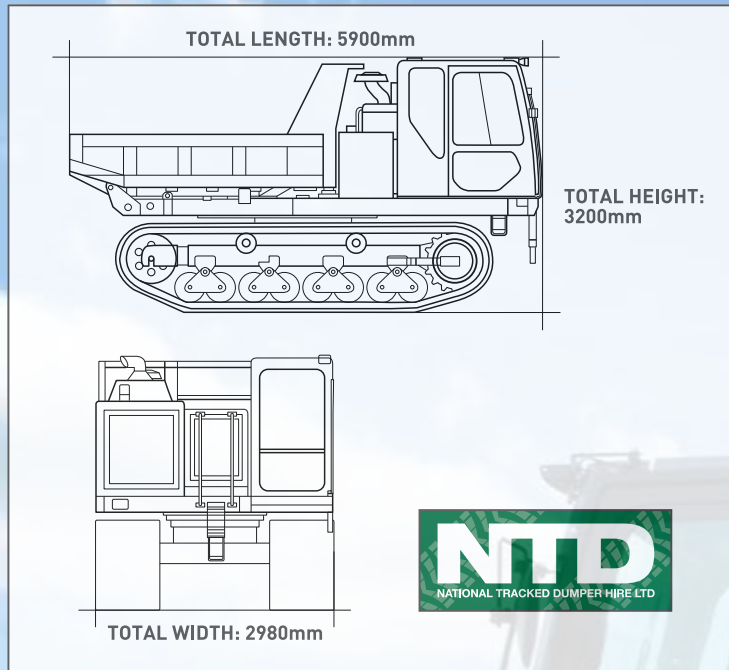
If you require a tracked dumper capable of carrying a larger volume for bulk material handling. This machine offers a carrying capacity of 11 tonne and is a popular selection on larger sites working in tandem with other machines to ensure high levels of productivity. This model is Tier 4 Final/Stage 4, EU compliant.



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11 TONNE 360° SLEW



MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
MST-2200VDR	11000kg	16000kg	432 Litres	10 kph	0.36kg/cm ²	0.61kg/cm ²	3373mm

The most productive tracked dumper in the UK today. With a 360° rotation, this tracked dumper can fully tip a load at any radius. Particularly useful on sites requiring a large volume carrying capacity where there are restrictions such as confined routes, tunnels and riverbanks. Where turning and reversing may be a risk for the operator, this offers huge safety and environmental benefits.

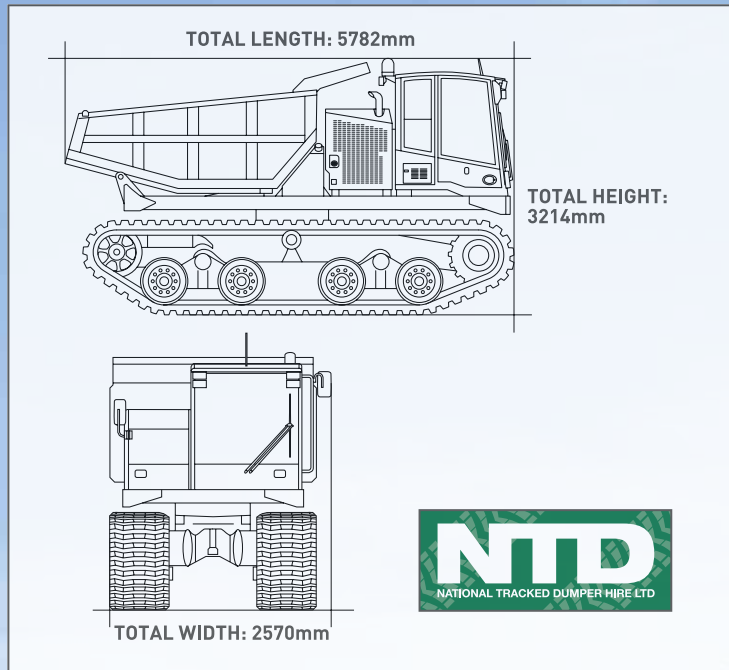
The operator is kept in a face-forwarding position at all times, resulting in faster speed of operation with comfort. There is almost never a need to reverse this machine.



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13.2 TONNE 360° SLEW



MODEL	MAX PAYLOAD	MACHINE WEIGHT	FUEL CAPACITY	MAX TRAVEL SPEED	GROUND PRESSURE UNLOADED	GROUND PRESSURE LOADED	SLEW RADIUS
PANTHER T14R	13200kg	16860kg	300 Litres	13 kph	0.28kg/cm ²	0.53kg/cm ²	3200mm

This impressive sized tracked dumper offers the highest speed combined with the highest payload in its class and will set new standards for productivity and mobility. With its 13,200 kg capacity, this rubber tracked crawler carrier has the largest payload of any vehicle of this type in its category.

The rotating separation of this vehicle allows the operator to work in tight, sensitive areas where other vehicles do not have access. Together with a ground pressure of 7.46 psi and a strong pull ratio, these features allow this carrier crawler to be suitable for all major muck shifting, pipeline and most variations of projects, especially if the terrain is difficult, without damage to the environment.



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TRACKED CARRIERS

As well as NTD'S range of tracked dumpers we also offer a wide range of tracked carriers for hire, including:

- Utility Vehicles
- Welfare Vehicles
- Refuelling Vehicle
- Personal Carriers
- Platform Mounted Carrier
- Crane Mounted Carrier
- Pipeline support Carrier
- Amphibious Carrier

Please ask a member of our team for details or to discuss any special requirements that you may have as we are constantly updating our fleet of tracked dumpers and tracked carriers...



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