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Big TED

Part No: BTD-ASY-000-00

Big TED is a larger version of the TED and shares many of the same characteristics. Big TED was primarily designed to lift weights that were above the SWL of TED yet still maintain a low profile and manoeuvrability.

Capable of lifting loads of up to 3,000kgs (6,614lbs) to a height of 1,600mm (63inch), Big TED can be utilised to lift heavy loads that were beyond his little brother's capacity. The increase lifting capacity is accomplished via a robust scissor lift mechanism powered via two hydraulic cylinders which provide ample power and reliability.

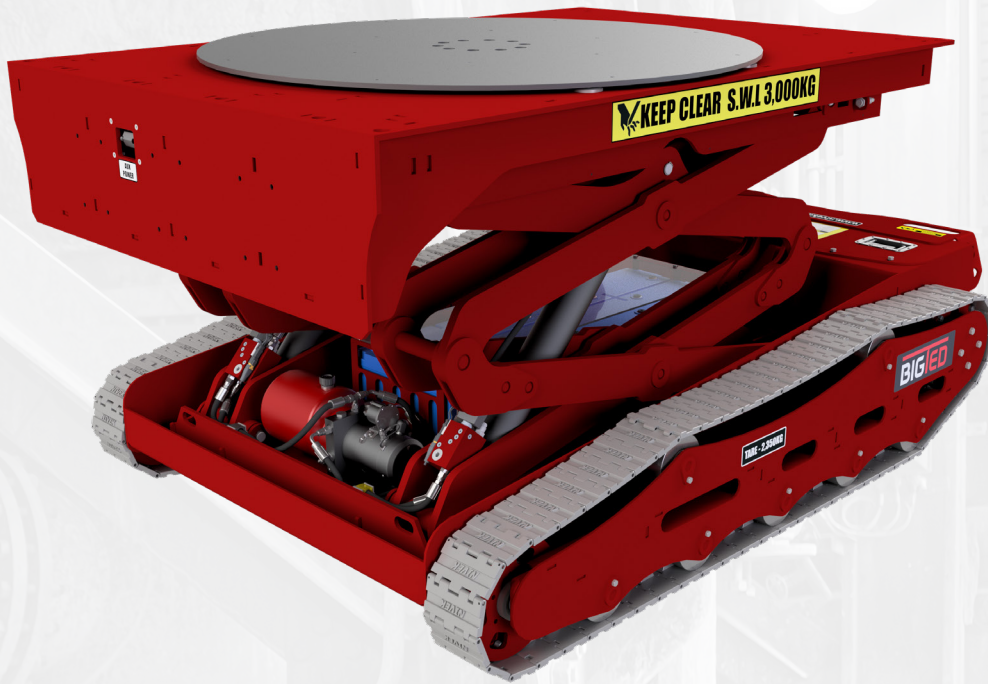
Operated by a joystick activated wireless remote control, Big TED can achieve even greater precision during its movement. The joystick is fully proportional allowing operators to easily control the speed and direction of Big TED.

The power system comprises of a 24V, 448Ah rechargeable battery system allowing runs times of up to two hours. A 40Amp charger comes standard with every purchase and will have Big TED fully charged overnight.

The drive system is powered by two independent 3.5kW infinite control electric motors providing sufficient torque to carry the heaviest of loads around the workshop and gradients of up to five degrees. Not only are the drive motors powerful, but they are also extremely responsive allowing operators to control Big TED to within a millimetre of travel.

Several user-friendly features including a powered turntable, +/- 40mm side shift, digital load display, and AUX power for attachments providing operators with a fully controllable system.





RADIO CONTROLLED

Big TED is wirelessly controlled by a paired radio system operating at 2.4GHz.



FUNCTIONALITY

Big TED has been built with a powered turntable, table side shift, load cells, tilt sensor, to provide operators greater control and useful feedback.



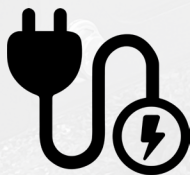
ALL TERRAIN

Big TED's tracks allow travel over virtually any surface allowing deployment in the field saving a fortune on machinery transport.



LIFTING CAPACITY

Big TED has been designed with an impressive 3,000kg (6,614lbs) safe working load lifting capacity.



POWER SYSTEM

A 24V battery system powers Big TED's two independent 3.5kW infinite control electric motors.

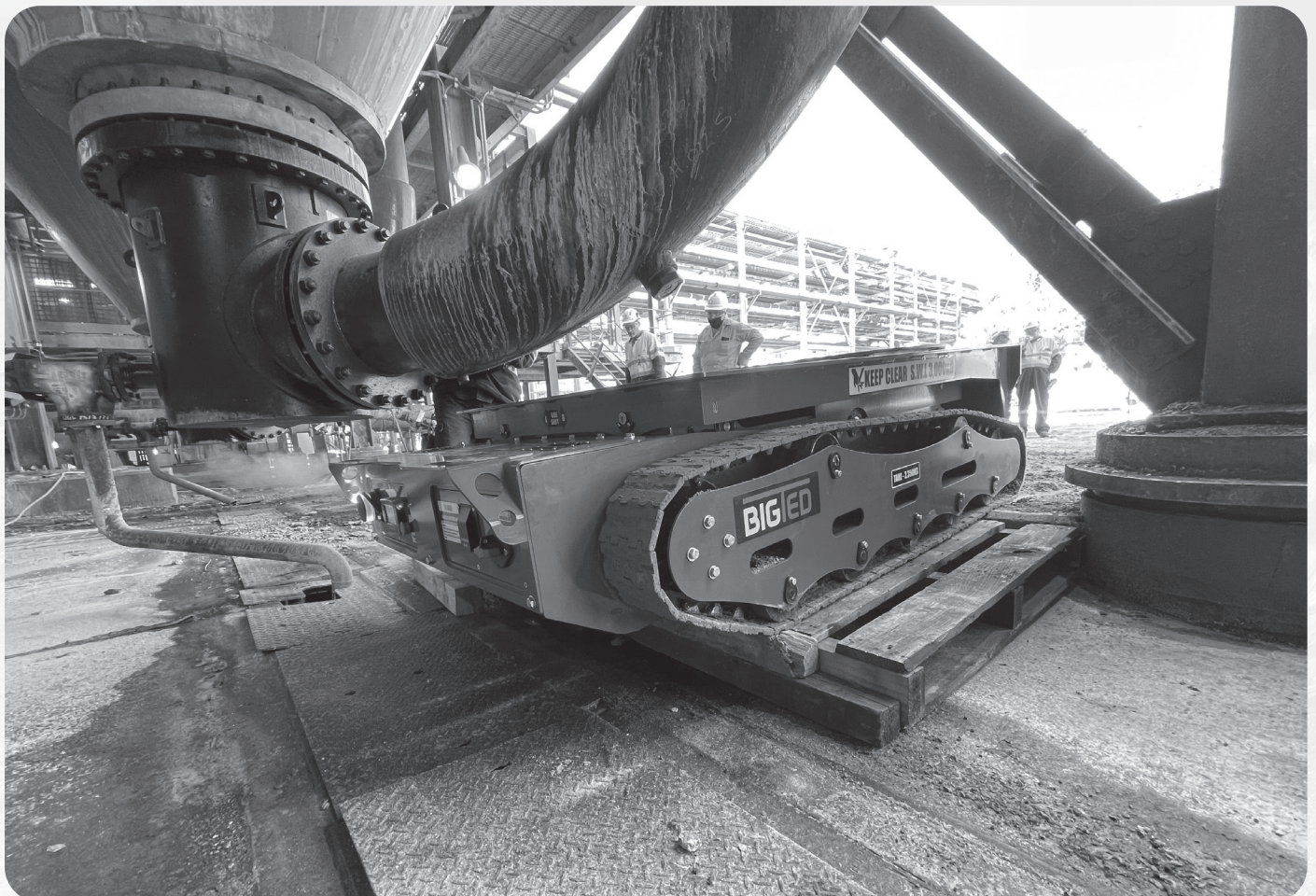


ADAPTABLE

Versatile attachments can be mounted to the Big TED turntable or table front allowing operators to perform a variety of tasks.

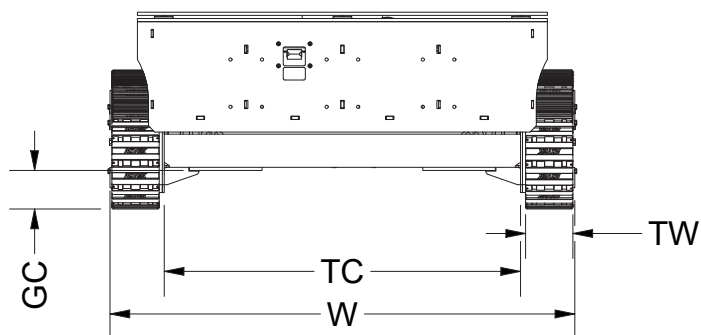
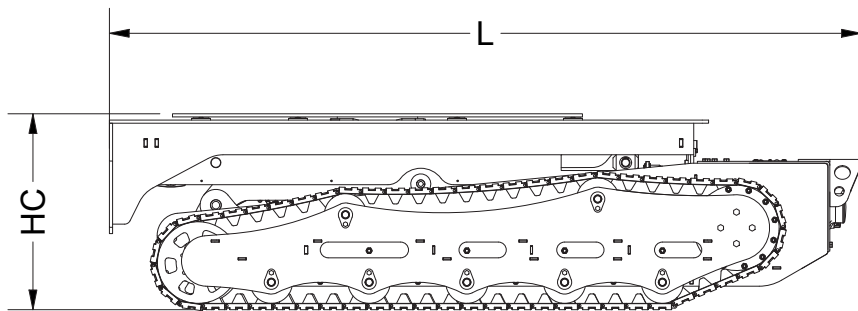
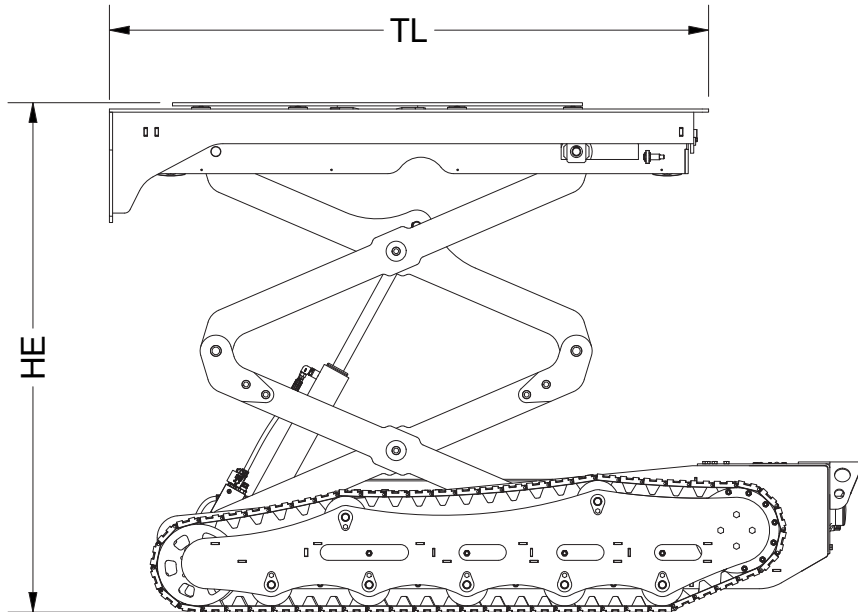
SPECIFICATIONS

Tare weight (kg/lbs)	2,600 / 5,732
Safe Working Load (kg/lbs)	3,000 / 6,614
Ground Speed	Proportional control Maximum speed 3km/hr (1.8m/h)
Drive Motors	Two (2) 24VDC Brushless electric drive motors and motor controllers 3.5kW with 51:1 Inline gearbox Electromagnetic brake
Power Unit	24VDC, 2kW Motor Dual 1.0cc Pumps with 4L (1gal) Tank
Hydraulic Cylinders	Two (2) Hydraulic Cylinders 3" Bore 1.5" Rod 480mm Stroke
Battery System	24VDC 448Ah Battery system Eight (8) 6VDC 224AH Deep-Cycle AGM batteries
Radio System	Scanreco G3B Remote Control System G3 Receiver CANOpen Unit & Transmitter Mini Joystick (Paired System) 2.4Ghz operating frequency
Slew Drive	24VDC 19.8rpm 40Nm Planetary Reducer Motor 47:1 Worm Drive
Actuators	Two (2) 24VDC Electric Linear Actuators 16.9kN rated force 80mm stroke, 5mm/s speed

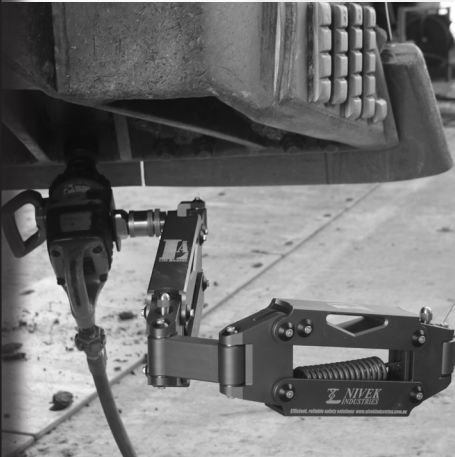
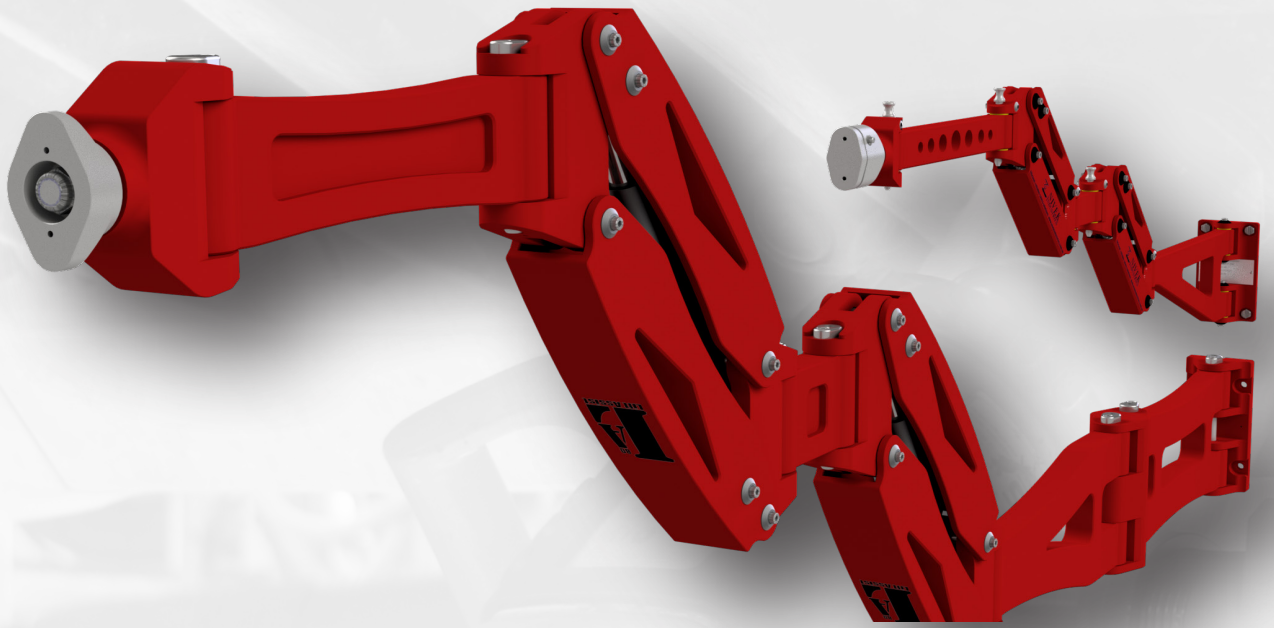


DIMENSIONS (MM/INCH)

Length (L)	2,385 / 93.9	Table Length (TL)	1,900 / 74.8
Width (W)	1,475 / 58.1	Ground Clearance (GC)	122 / 4.8
Height Compressed (HC)	621 / 21.5	Track Clearance (TC)	1,130 / 44.5
Height Extended (HE)	1,615 / 63.6	Track Width (TW)	150 / 5.9

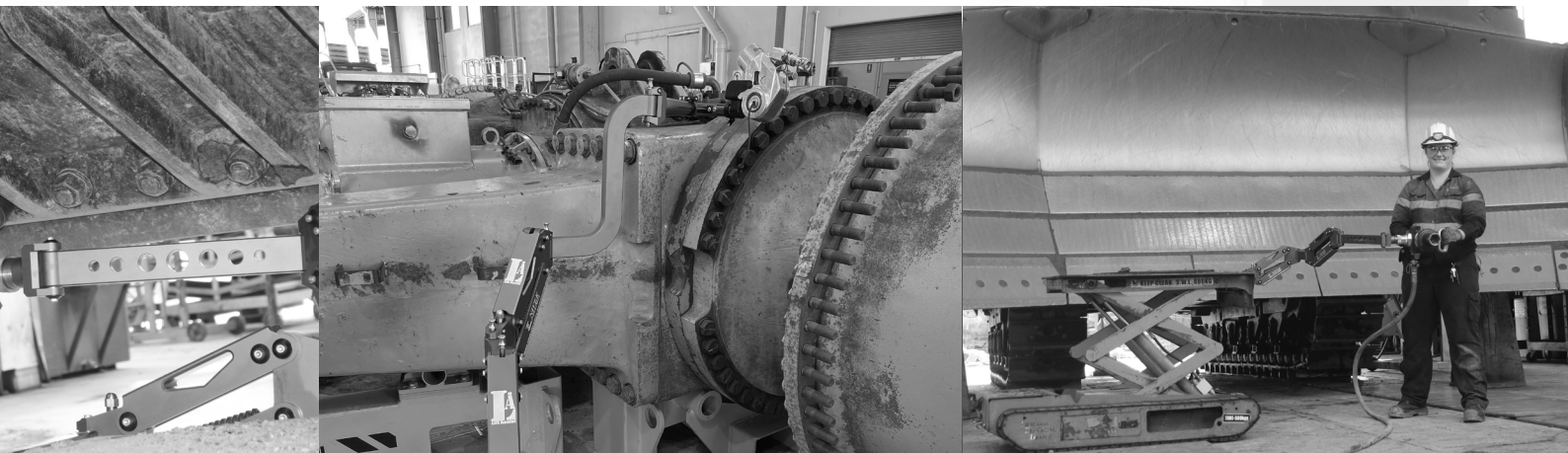


Lift Assist



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LA 40

Part No: AGA-ARM-100-000

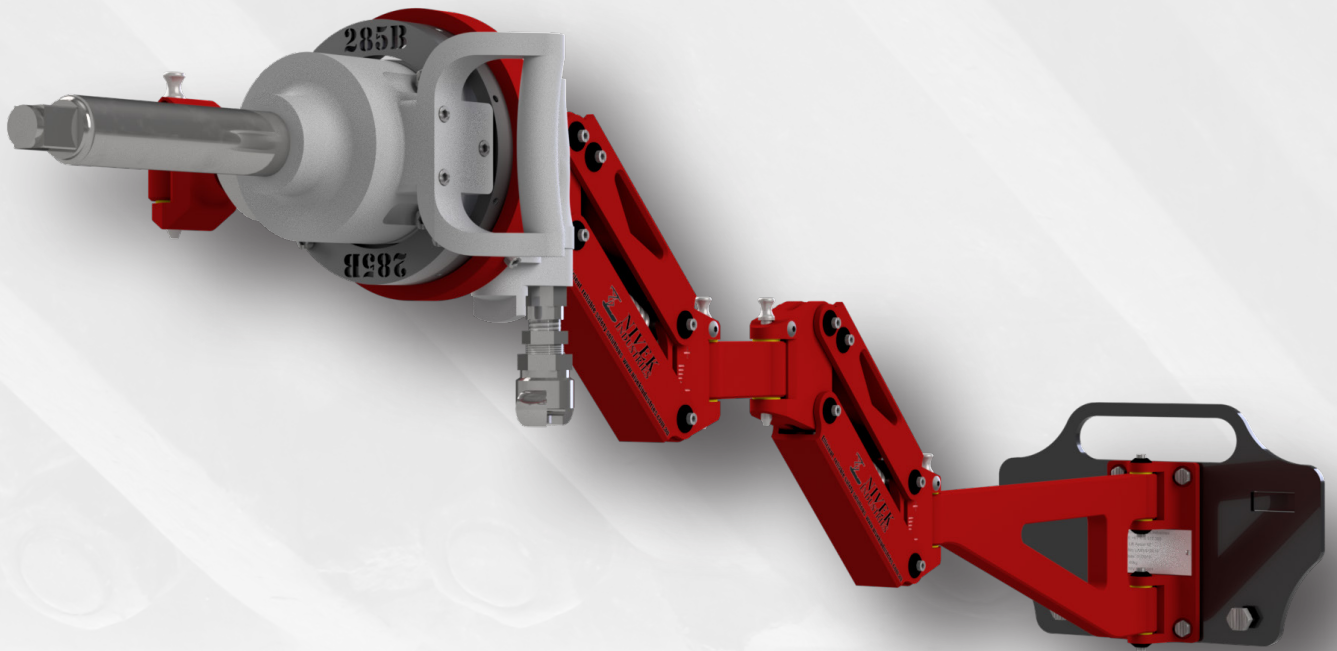
The LA40 is a simple and safe to operate lifting arm designed to support heavy tooling during operation. With a total lifting capacity of 40kg (89lb), the LA40 can greatly reduce worker fatigue when utilising heavy tools.

The LA40 is comprised of two spring cases to provide the lifting ability, and a quick release swivel point to allow quick and easily tool mounting and manipulation. These are connected by various extension arms via five quick release pins resulting in a modular system that can be easily assembled and reconfigured depending on the task.

With six points of articulation and smart spring technology, the LA40 achieves a full range of horizontal and vertical movement. Apart from the obvious benefits to hand safety by reducing finger exposure to pinch points, the LA40 offers positive improvements to operator overall wellbeing through reduced manual handling.

A simple mounting plate design allows the LA40 to be mounted on a variety of platforms, including TED.





FLEXIBILITY

The multiple articulation points of the LA40 provides operators full degree of movement, allowing access to hard to reach places.



RELIABILITY

No electric or air power required for operation, made with durable components for the Mining Industry.



PRACTICAL

The smart spring design supports the weight of tooling allowing operators to easily position and hold during operation.



LIFTING CAPACITY

The LA40 is able to support tools up to a maximum weight of 40kg (89lbs).



TOOLING

Multiple tools can be set up with the quick release system, allowing operators to quickly and easily change tools.



ADAPTABLE

The LA40 can be set up in a wide range of configurations allowing operators to setup the arm to suit individual requirements.

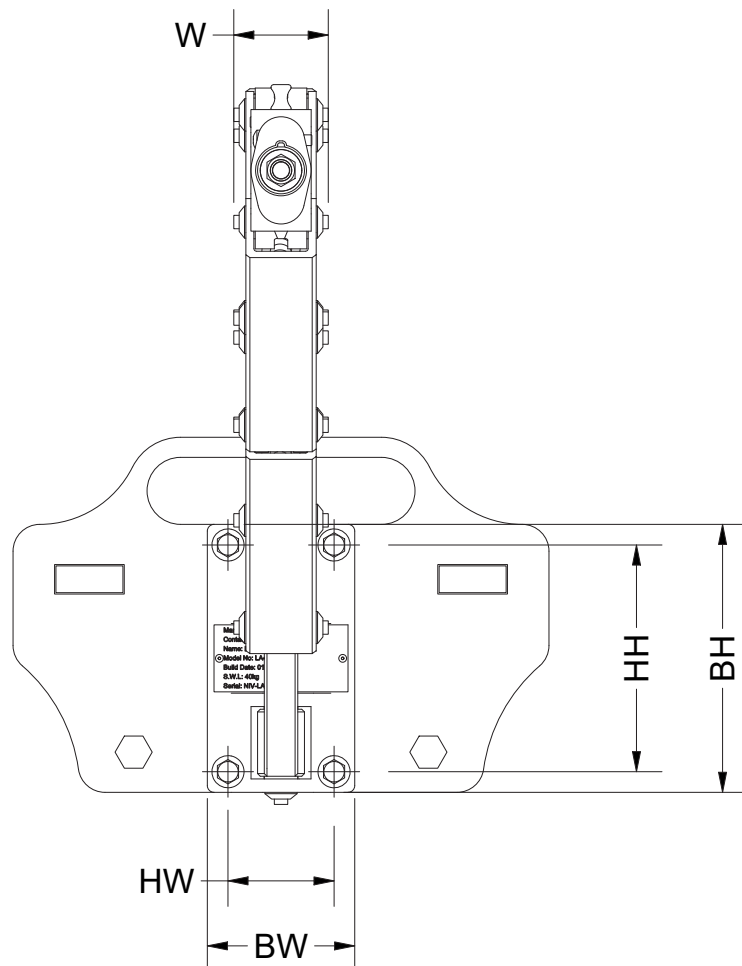
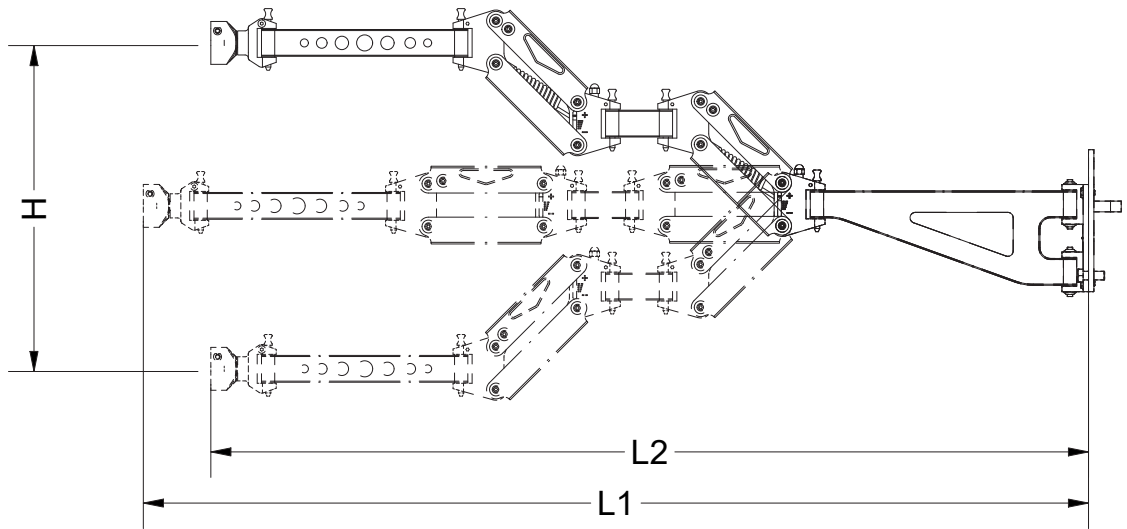
SPECIFICATIONS

Tare weight (kg/lbs)	20 / 45
Safe Working Load (kg/lbs)	40 / 89
Material	Aluminum frame with stainless steel pins
Assembly	Each section is joined together via a quick release pin allowing for quick assembly and disassembly
Degrees of movement	Six points of articulation, smart spring system, and a swivel head, provides complete freedom of movement.
Adjustment	Each spring section has a spring tension adjustment bolt allowing the operator to calibrate the LA40 spring tension to suit the tool being utilised.
Mounting	Using the mounting bolt hole pattern (see dimensions) the LA40 can be mounted to any suitably rated surface. A TED mounting plate is provided as standard with every LA40.
Tool Mounting	Each LA40 is fitted with a Quick Release tool mounting system. Operators select the appropriate bracket from the library, bolt it to a spigot (if required) and insert it into the quick release mechanism.



DIMENSIONS (MM/INCH)

Length (L1)	1,760 / 69.3	Base Width (BW)	110 / 4.4
Length (L2)	1,630 / 64.2	Base Height (BH)	200 / 7.9
Width (W)	70 / 2.8	Mounting Hole (HW)	79.2 / 3.2
Height Range (H)	600 / 23.6	Mounting Hole (HH)	169.2 / 6.7



Lift Assist

Extras / Upgrades

Accessories

Part No: AGA-ARM-100-017
Accessory



S-Bend

The S-Bend extension arm allows the operator to gain an additional 350mm (13.8inch) of vertical reach.

Part No: AGA-ARM-100-014-06
Accessory

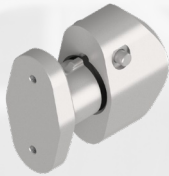


Norbar Attachment

The Norbar attachment mounts straight into the quick release housing and allows operators to connect to the Norbar gimble mount.

Quick Release

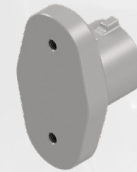
Part No: AGA-ARM-100-014-00
Standard



Quick Release

The Quick Release system comes standard with any new LA40 purchase and includes one spigot. The Quick Release system allows operators to quickly change out tools.

Part No: AGA-ARM-100-014-05
Accessory

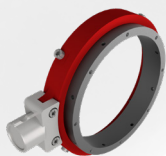


Male Spigot

The Male Spigot is the mounting point for several of the tool brackets and being relatively low profile can physically remain on the tool without getting in the way.

Gimble Attachments

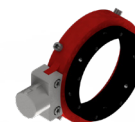
Part No: AGA-GIM-100-00
Accessory



Large Gimble

The Large Gimble has an inner diameter of 150mm (5.9inch) and can be utilized to provide a tool rotation which can be useful for lining up socket heads.




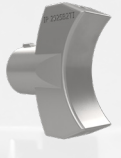




Part No: AGA-GIM-100-00(S)
Accessory



Small Gimble

The Small Gimble has an inner diameter of 100mm (4inch) and can be utilized to provide a tool rotation which can be useful for lining up socket heads.

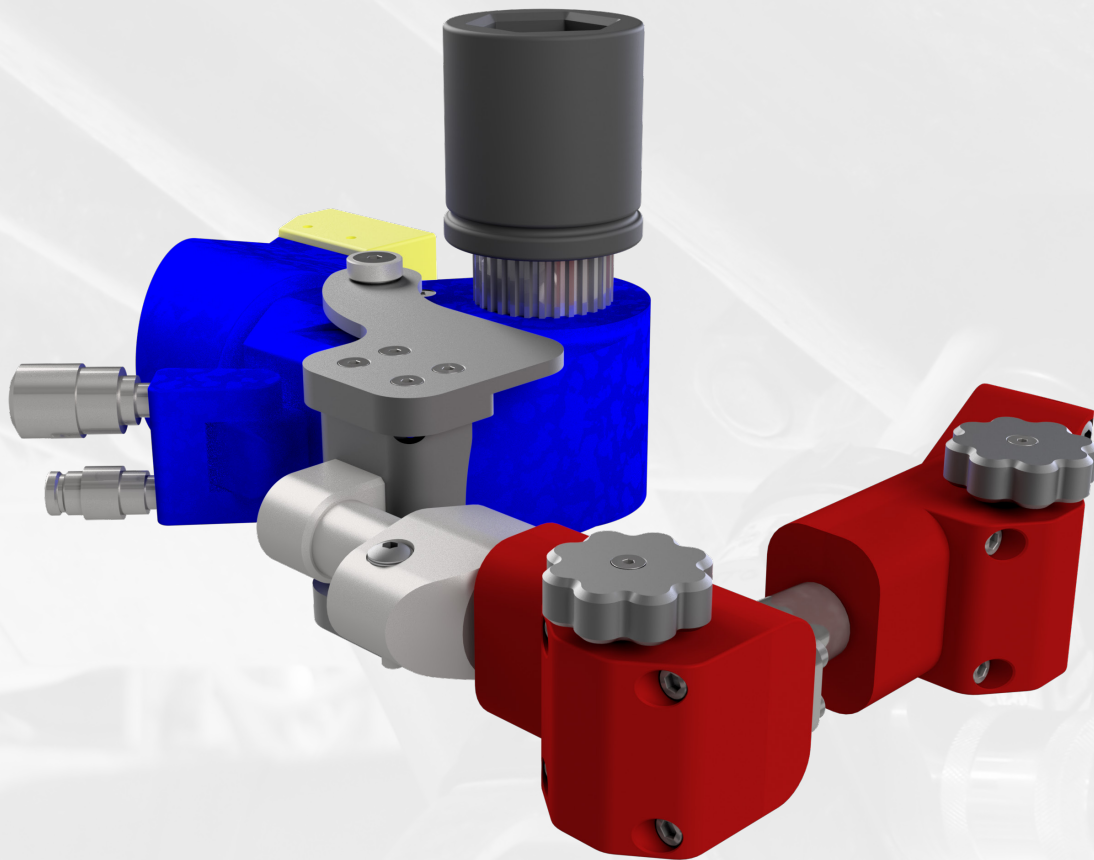
Tool Brackets

Tool Brand	Tool Type	Model	Part Number (Mounting Type)	Bracket
Ingersoll Rand	Impact Driver	285B	LA40-MB-IR-GIM-285B (Gimble)	
		285B	LA40-MB-IR-MS-285B (Male Spigot)	
		2850MAX	LA40-MB-IR-QR-285MAX (Quick Release)	
		2925BTi	LA40-MB-IR-QR-2925BTi (Quick Release)	
		3955BTi	LA40-MB-IR-GIM-3955BTi (Gimble)	
		3955BTi	LA40-MB-IR-MS-3955BTi (Male Spigot)	
RAD	Pneumatic Torque Wrench	25GX	LA40-MB-RAD-MS-25GX (Male Spigot)	
		34GX	LA40-MB-RAD-MS-34GX (Male Spigot)	

NOTE: If the required tool is not listed, please contact Nivek Industries and we will be happy to design and make a suitable bracket.

Hydraulic Torque Wrench Attachment

Part No: AGA-ARM-100-030-00



Lift Assist

The Hydraulic Torque Wrench attachment was designed to hold the tool in place allowing the operator to control it from a distance to eliminate the risk of oil injection and hand crushing injuries. A single operator can position the tool as required, step back and then control the wrench from a safe distance.

With the two points of articulation the operator can orientate and then hold the tool in any position to perform any required task safely.

The Hydraulic Torque Wrench attachment can easily be fixed to the LA40 arm via the quick release pin.

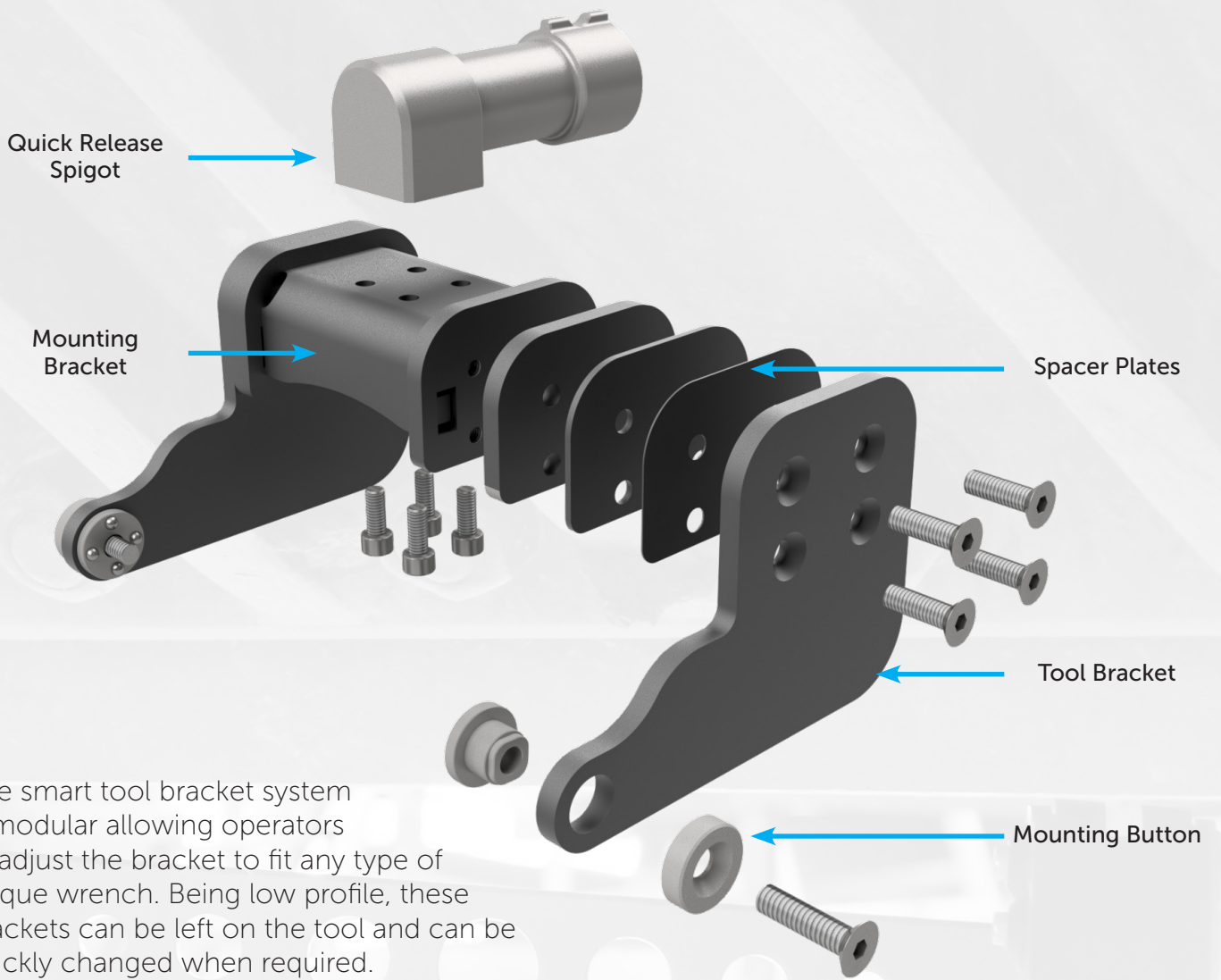
APPLICATIONS

Can be setup to support a wide variety of hydraulic torque wrenches.

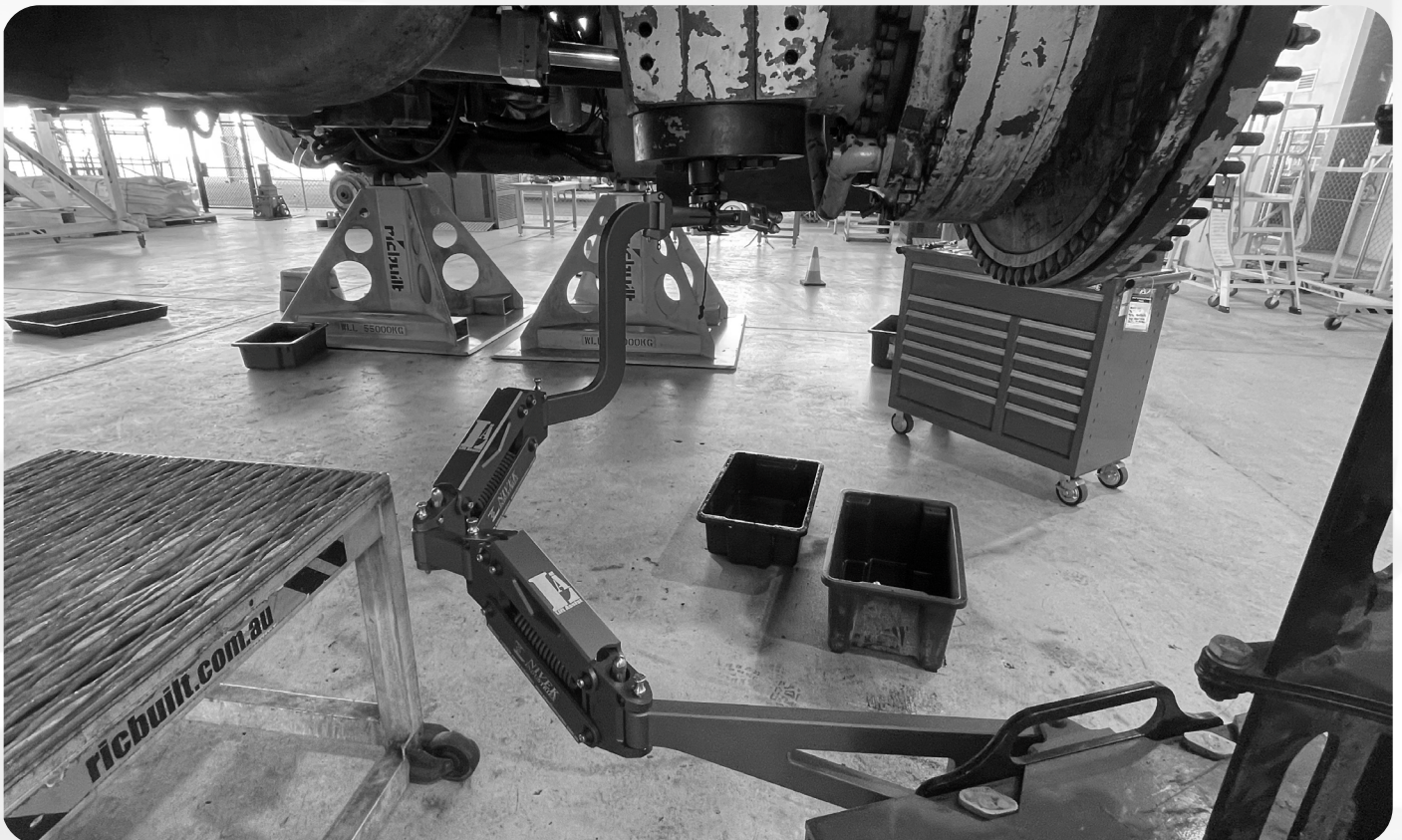
See tool bracket table to determine the required brackets for each type of tool.

SPECIFICATIONS

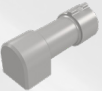












Name	Hydraulic Torque Wrench Attachment
Part No	AGA-ARM-100-030-00
Safe Working Load	32kg / 70lbs
Attachment Type	LA40
Tare Weight	8kg / 18lbs
Dimensions (LxWxH)	240 x 270 x 100mm 9.4 x 10.6 x 3.9inch
Included in package	1x Hydraulic Torque Wrench Attachment 1x Quick Release Male Spigot 1x Mounting Bracket (advise what size) 1x Set of spacer plates 1x Set of tool brackets (advise what type)



The smart tool bracket system is modular allowing operators to adjust the bracket to fit any type of torque wrench. Being low profile, these brackets can be left on the tool and can be quickly changed when required.



QUICK RELEASE BRACKET PARTS

Picture	Specifications		Description	
	Name	Quick Release Spigot	The Mounting brackets attach to the Quick Release Spigot assembly then mounts to the Hydraulic Torque Wrench Attachment.	
	Part No	AGA-ARM-100-030-09		
	Name	Mounting Bracket 45mm	The specific tool brackets bolt onto the Mounting Bracket. The Mounting Brackets come in different widths including 45, 60, 80 & 100mm. These allow operators to design the mounting assembly to fit any brand or size of tool. These assemblies are then bolted onto the Quick Release Spigot.	
	Part No	AGA-ARM-100-031-S45		
	Name	Mounting Bracket 60mm		
	Part No	AGA-ARM-100-031-S60		
	Name	Mounting Bracket 80mm		
	Part No	AGA-ARM-100-031-S80		
	Name	Mounting Bracket 100mm		
	Part No	AGA-ARM-100-031-S100		
	Name	Spacer 0.5mm		To provide additional customization and limit the number of required mounting brackets, spacer plates are available in 0.5, 2 & 6mm thicknesses. These can be utilized in any combination to create a bracket the perfect width for the specific tool being used.
	Part No	AGA-ARM-100-031-03-0.5		
	Name	Spacer 2mm		
	Part No	AGA-ARM-100-031-03-2		
	Name	Spacer 6mm		
	Part No	AGA-ARM-100-031-03-6		
	Name	Hytorc Mounting Button D5	The Hytorc Mounting Buttons come in three different sizes depending on the bolt that is required to mount onto the tool. The mounting buttons comprise of a male and female part that allows the tool to pivot whilst in the bracket.	
	Part No	AGA-ARM-100-032-HA-D5		
	Name	Hytorc Mounting Button D7		
	Part No	AGA-ARM-100-032-HA-D7		
	Name	Hytorc Mounting Button D10		
	Part No	AGA-ARM-100-032-HA-D10		
	Name	Enerpac Mounting Button M6		The Enerpac Mounting Buttons come in two different sizes depending on the bolt that is required to mount onto the tool. The mounting buttons comprise of a male and female part that allows the tool to pivot whilst in the bracket.
	Part No	AGA-ARM-100-032-EA-M6		
	Name	Enerpac Mounting Button M10		
	Part No	AGA-ARM-100-032-EA-M10		

TOOL BRACKETS

Brand	Model	Specifications		Picture	
Hytorc	ICE 3	Bracket	AGA-ARM-100-031-I3-00		
		Button	Hytorc Mounting Button D5		
	ICE 5	Bracket	AGA-ARM-100-031-I5-00		
		Button	Hytorc Mounting Button D7		
	Avanti 3	Bracket	AGA-ARM-100-031-A3-00		
		Button	Hytorc Mounting Button D5		
	Avanti 5	Bracket	AGA-ARM-100-031-A5-00		
		Button	Hytorc Mounting Button D7		
	Avanti 8	Bracket	AGA-ARM-100-031-A8-00		
		Button	Hytorc Mounting Button D7		
	MXTP 3	Bracket	AGA-ARM-100-031-MP3-00		
		Button	Hytorc Mounting Button D7		
	MXTP 5	Bracket	AGA-ARM-100-031-MP5-00		
		Button	Hytorc Mounting Button D10		
	MXTP 10	Bracket	AGA-ARM-100-031-MP8-00		
Button		Hytorc Mounting Button D10			
Enerpac	S1500	Bracket	AGA-ARM-100-031-EPS1500-00		
		Button	Enerpac Mounting Button M6		
	S6000	Bracket	AGA-ARM-100-031-EPS6000-00		
		Button	Enerpac Mounting Button M10		
	S3000	Bracket	AGA-ARM-100-031-EPS3000-00		
		Button	Enerpac Mounting Button M6		
	S11000	Bracket	AGA-ARM-100-031-EPS11000-00		
		Button	Enerpac Mounting Button M10		
	W2000	Bracket	AGA-ARM-100-031-EPW2000-00		
		Button	Enerpac Mounting Button M6		

NOTE: If the required tool is not listed, please contact Nivek Industries and we will be happy to design and make a suitable bracket.

LA 80

Part No: AGA-ARM-80-100

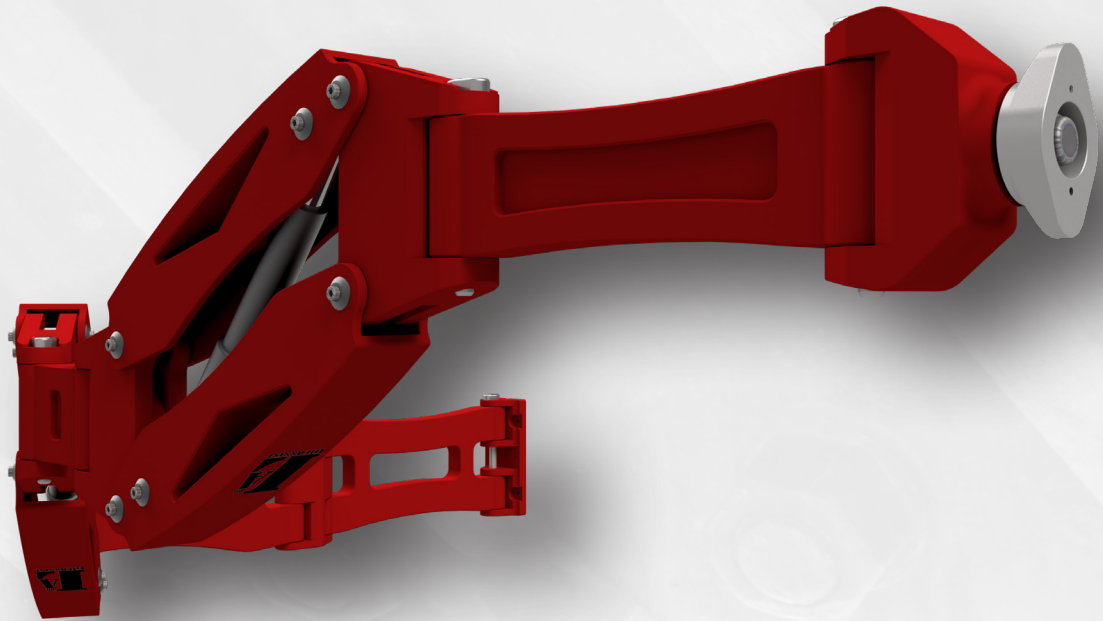
The LA80 is a powered lifting arm designed to support heavy loads up to 80kg (176lb). Designed to lift heavy components into place and support them while being installed or removed.

Powered by two linear actuators the LA80 arm has smooth controllable movement with no bounce. The six points of articulation allow the operator to manoeuvre the load to the desired location quickly and easily.

By removing the requirement for maintenance personnel to have to lift and hold heavy components in awkward positions, the LA80 enhances operator overall wellbeing through reduced manual handling and increases workplace efficiency.

The LA80 can be mounted in dedicated work stations or on Nivek Industries Big TED mounting plate.





FLEXIBILITY

The multiple articulation points and extensibility of the LA80 provides operators with full 360 degree movement and powered lifting, allowing access in hard to reach places



RELIABILITY

Made with durable components for the mining industry.



PRACTICAL

Linear actuators, support the weight and flexible movement allowing operators to easily position and support heavy objects.



LIFTING CAPACITY

Support tools or loads up to a maximum weight of 80kg (186lb).



TOOLING

The quick release mechanism allows operators to quickly and easily change tools.



ADAPTABLE

The LA80 can be set up in a wide range of configurations allowing operators to customise the arm to suit individual requirements and situations.

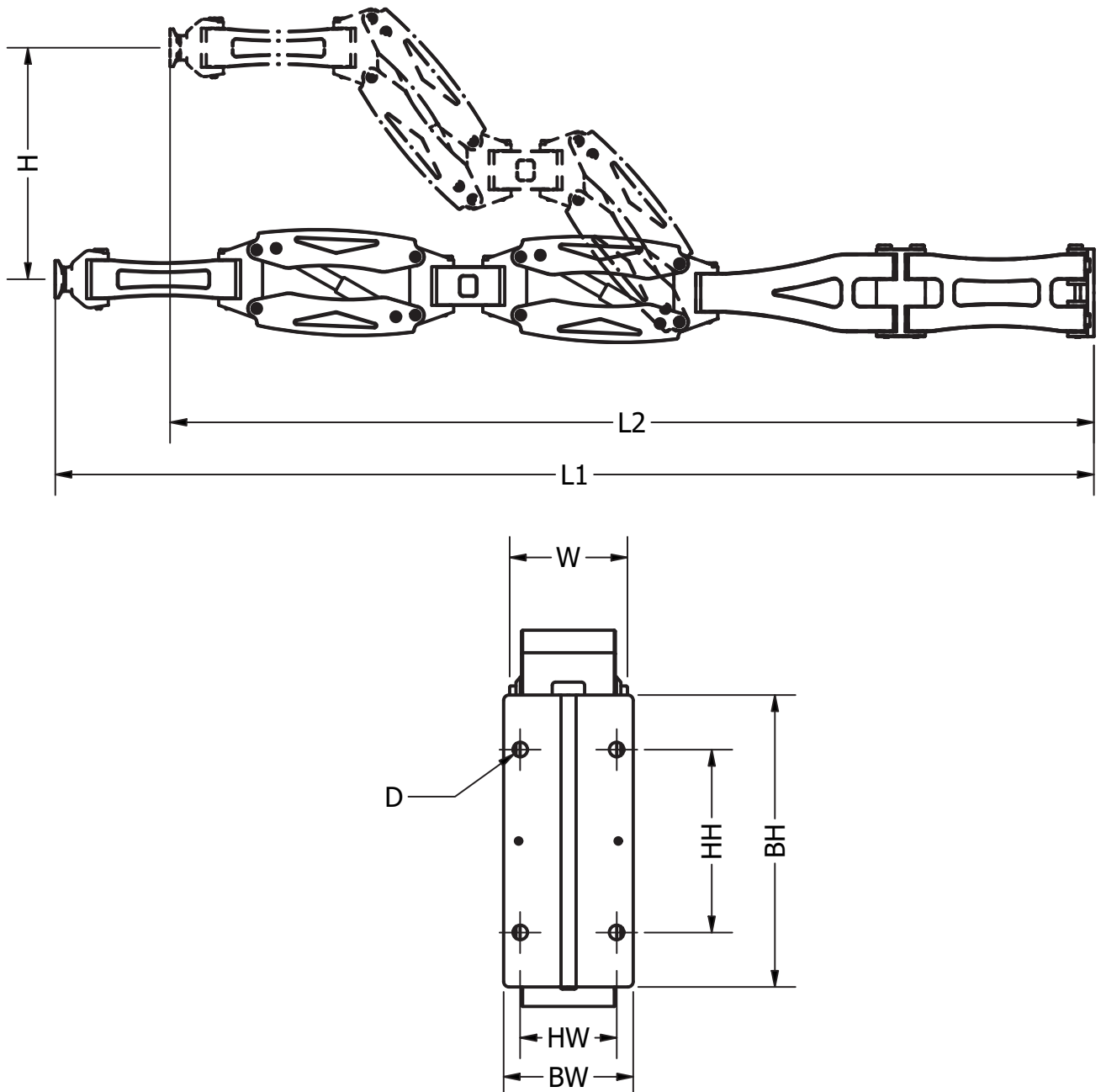
SPECIFICATIONS

Tare weight (kg/lbs)	20 / 45
Safe Working Load (kg/lbs)	80 / 176
Material	Aluminum frame with stainless steel pins
Assembly	Each section is joined together via a screw in pin allowing for quick assembly and disassembly
Degrees of movement	Six points of articulation and a swivel head, provides complete freedom of movement.
Actuators	Two 24V 8,000N independant linear actuators allow for highly controllable lift.
Mounting	Using the mounting bolt hole pattern (see dimensions) the LA80 can be mounted to any suitably rated surface.
Tool Mounting	The LA80 can be fitted with a variety of tool holders or cradles to allow operators to securely hold components while being maneuvered into place.



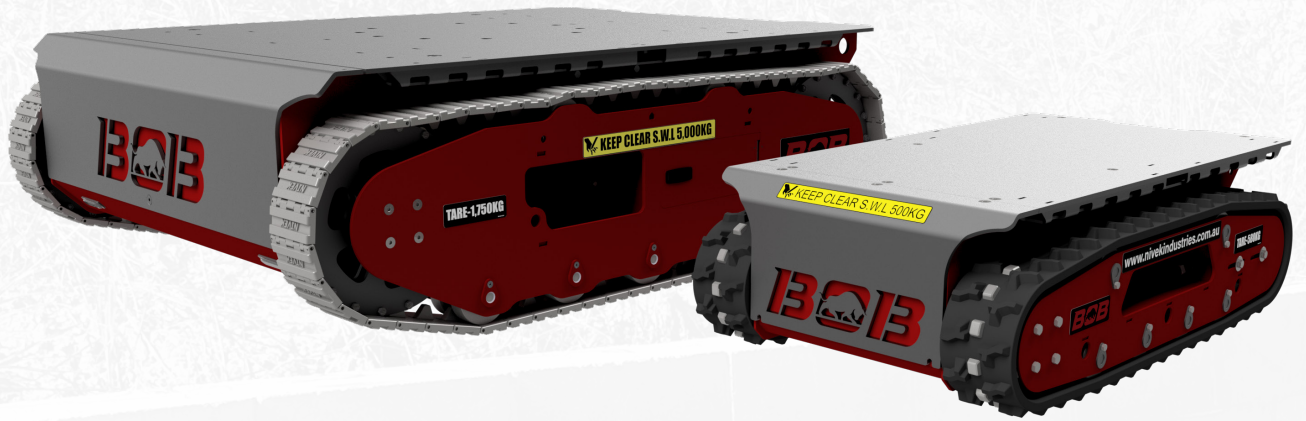
DIMENSIONS (MM/INCH)

Length (L1)	3,203 / 126.1	Base Width (BW)	120 / 4.7
Length (L2)	2,848 / 112.1	Base Height (BH)	270 / 10.6
Width (W)	110 / 4.3	Mounting Hole (HW)	89.2 / 3.5
Height Range (H)	710 / 28	Mounting Hole (HH)	169.2 / 6.7
		Hole Diameter (D)	13.5 / 0.53



Lift Assist

Beast Of Burden



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BOB 0.5T

Part No: BOB-0.5T-
ASY-000-00

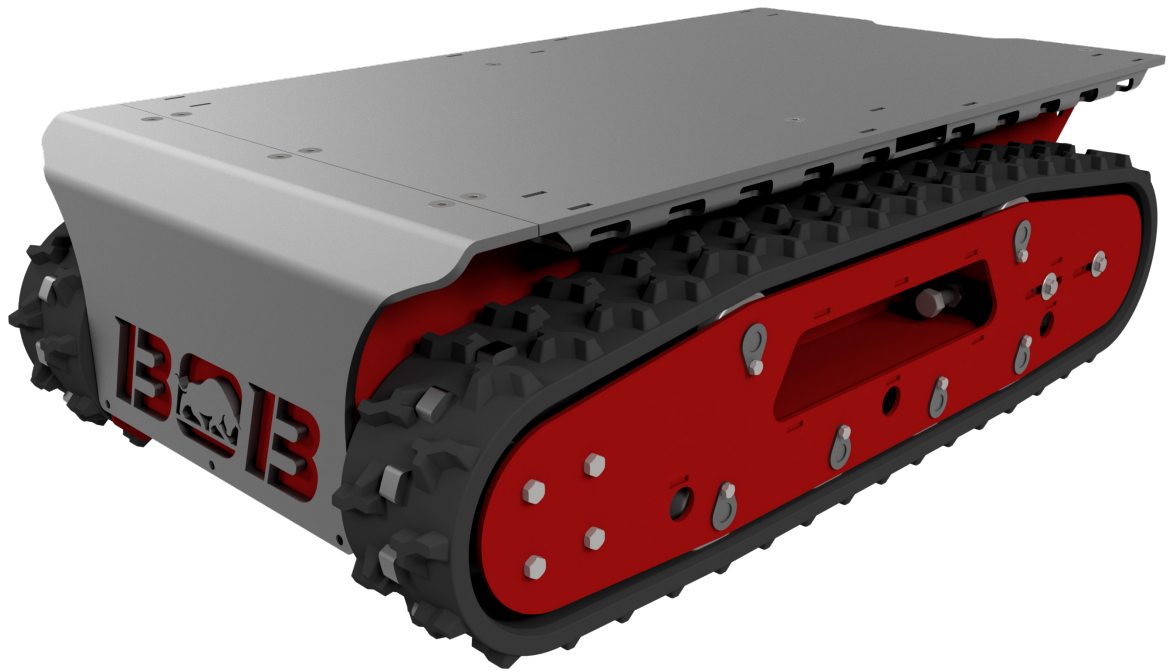
The BOB 0.5T is a remote controlled, all terrain carrier designed to handle loads of up to 500kgs (1,100lbs). BOB is designed to fit through a standard doorway, allowing it to be utilised where other machines cannot go, giving it access to confined spaces and/or rough and inclined terrain.

The dual 48V lithium batteries provide energy to the electric power unit in turn driving the two independent hydraulic drive motors. Built with rubber tracks, the BOB will happily carry your load over any terrain to your required destination.

By using the AUX power outlet, the BOB can be fitted with custom made smart attachments to suit any customer requirements. These smart attachments are controlled via the fully proportional wireless remote control joysticks, allowing the operator to stand clear when in operation, therefore greatly reducing the risk associated with moving heavy loads.

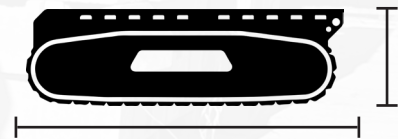


BOB



CONTROL SYSTEM

Wirelessly controlled by a paired Scanreco G3B remote control system operating at 2.4Ghz.



COMPACT

Designed to fit through a standard doorway, allowing it to be utilised where other machines cannot go.



ALL TERRAIN

Rubber tracks and electric drive system provides ample traction and enables operation in enclosed spaces.



CAPACITY

Built with an impressive 500kg (1,100lbs) all terrain safe working load capacity.



ENGINE

A 3.5kW 48V electric power unit driving two (2) hydraulic traction motors.



ADAPTABLE

A variety of powered or unpowered attachments allowing operators to quickly change attachments for a variety of tasks to be performed safely and efficiently.

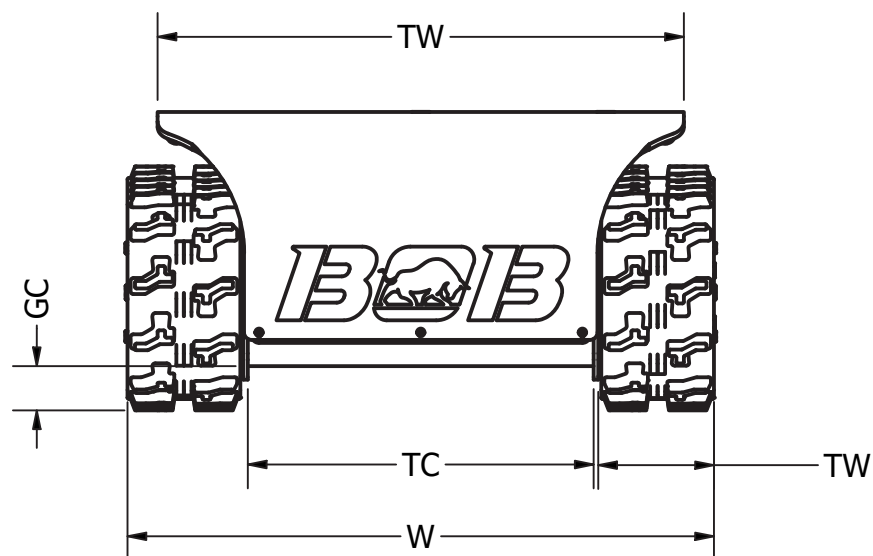
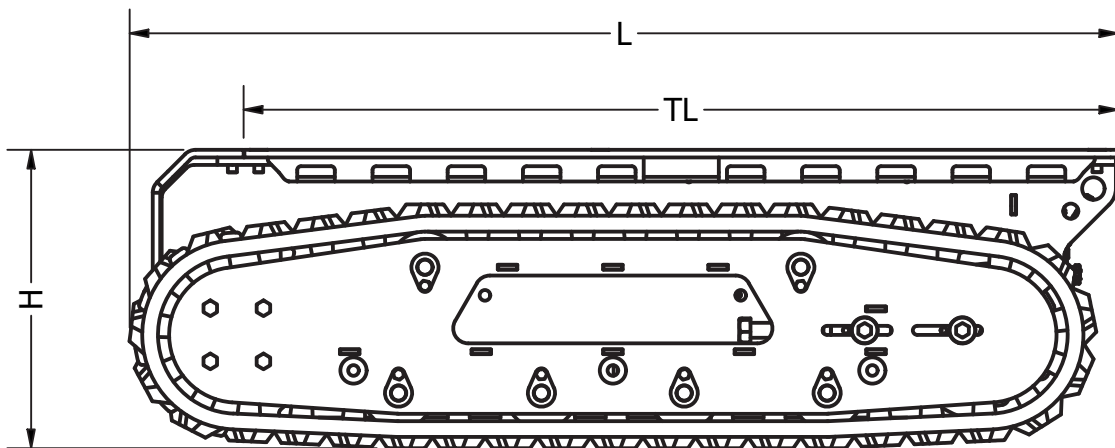
SPECIFICATIONS

Tare weight (kg/lbs)	580 / 1,279
Safe Working Load (kg/lbs)	500 / 1,100
Ground Speed	Proportional control. Maximum speed 2km/hr (1.25m/hr)
Battery System	Two (2) 48VDC lithium 45.5Ah batteries 4.6kWh battery system
Power Unit	3.5kW 48V Electric motor and pump
Drive System	Two (2) independent 100cc orbit motors, AGFO brake and R90 1:3 gearbox drive systems
Radio System	Scanreco G3B remote control system, 2.4Ghz operating frequency



DIMENSIONS (MM/INCH)

Length (L)	1,314 / 51.7	Ground Clearance (GC)	60 / 2.4
Width (W)	780 / 30.7	Track Clearance (TC)	460 / 18.1
Height (H)	400 / 15.7	Track Width (TW)	154 / 6.1
Table Length (TL)	1,163 / 45.8	Table Width (TW)	700 / 27.6



BOB

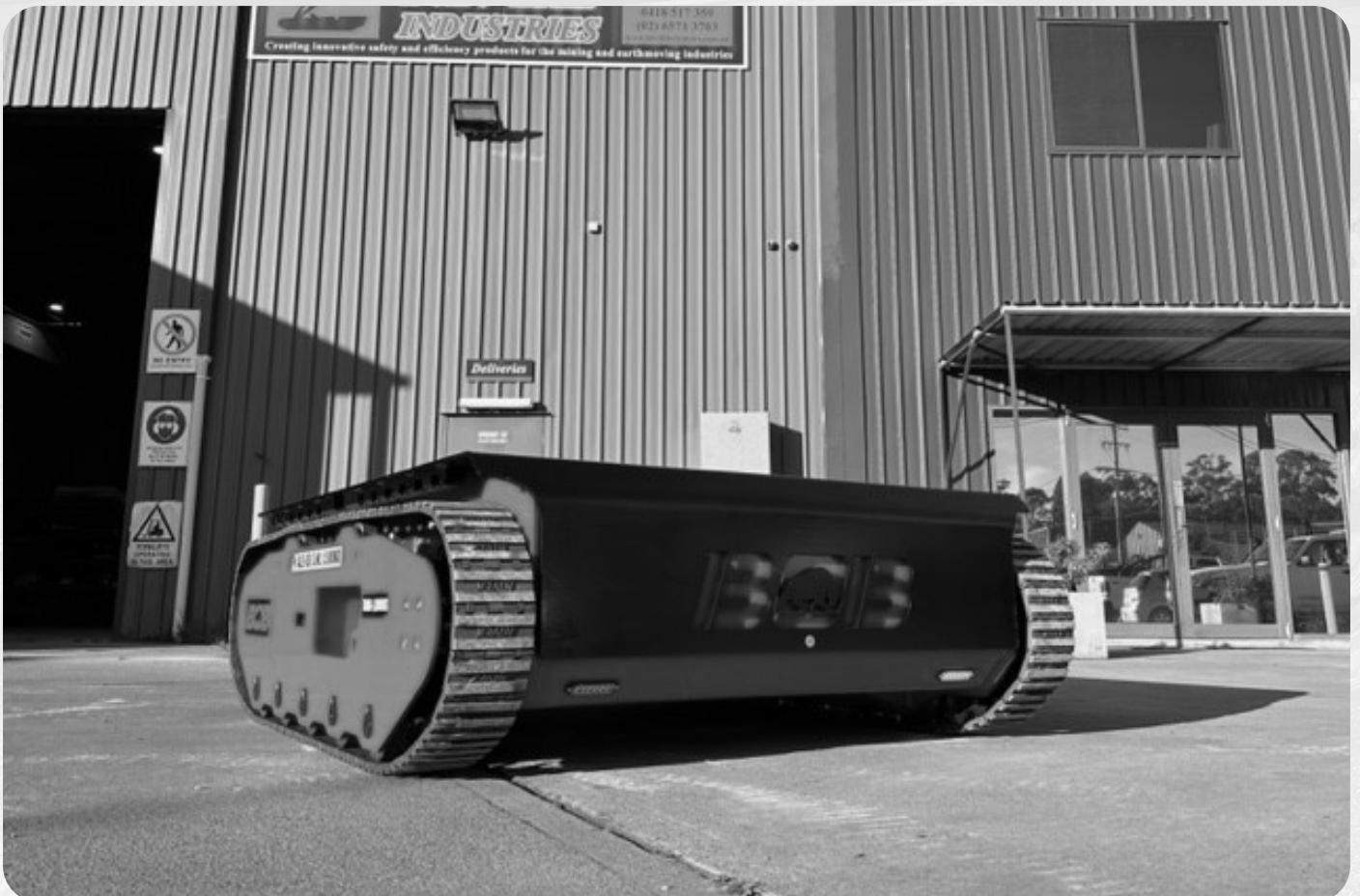
BOB 1.5T

Part No: BOB-1.5T-ASY-000-00

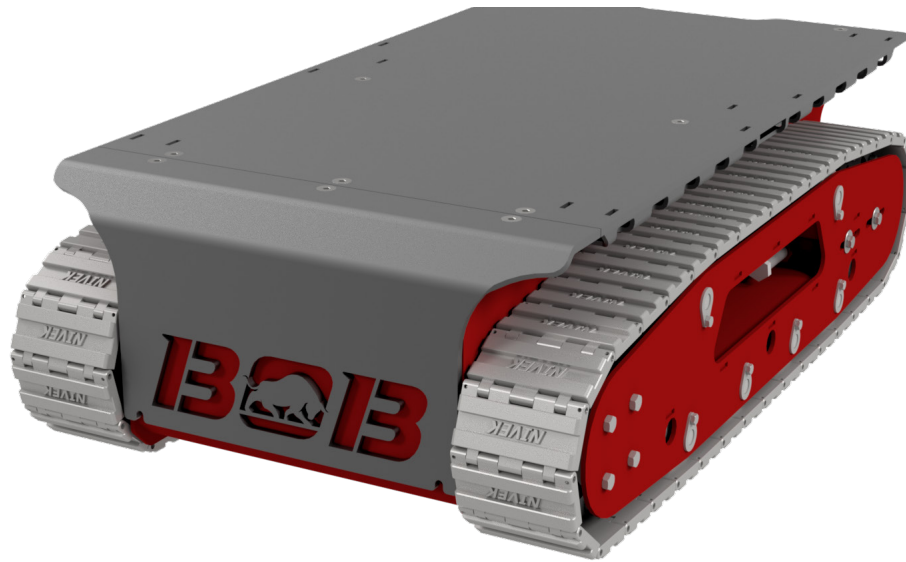
BOB 1.5T is a remote controlled, all terrain carrier designed to handle loads of up to 1,500kgs (3,300lbs). BOB 1.5T is designed to fit through a standard doorway, allowing it to be utilised where other machines cannot go, giving it access to confined spaces and/or rough and inclined terrain.

The dual 48V lithium batteries provide energy to the electric power unit, which in turn drives two independent hydraulic drive motors. Built with steel tracks, the BOB will happily carry your load over any terrain to your required destination.

By using the AUX power outlet, the BOB 1.5T can be fitted with custom made smart attachments to suit any customer requirements. These smart attachments are controlled via the fully proportional wireless remote control joysticks, allowing the operator to stand clear when in operation, therefore greatly reducing the risk associated with moving heavy loads.

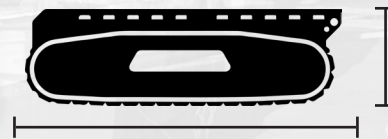


BOB



CONTROL SYSTEM

Wirelessly controlled by a paired Scanreco G3B remote control system operating at 2.4Ghz.



COMPACT

Designed to fit through a standard doorway, allowing it to be utilised where other machines cannot go.



ALL TERRAIN

Steel tracks and electric drive system provides ample traction and enables operation in enclosed spaces.



CAPACITY

Built with an impressive 1,500kg (3,300lbs) all terrain safe working load capacity.



ENGINE

A 3.5kW 48V electric power unit driving two (2) hydraulic traction motors



ADAPTABLE

A variety of powered or unpowered attachments allowing operators to quickly change attachments for a variety of tasks to be performed safely and efficiently.

BOB

SPECIFICATIONS

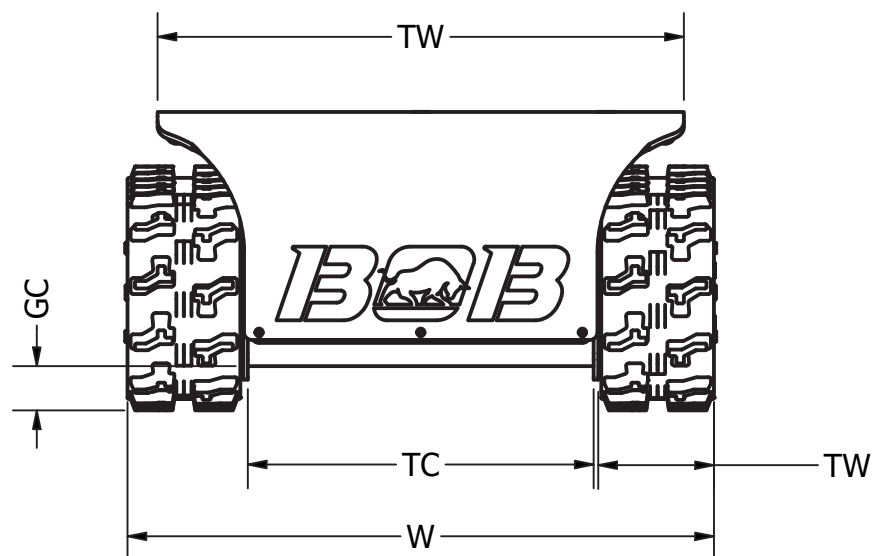
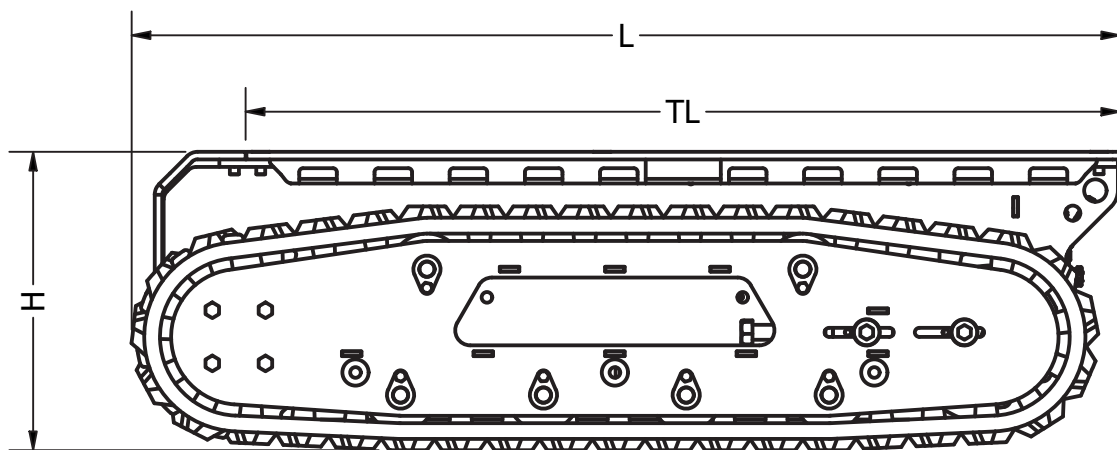
Tare weight (kg/lbs)	680 / 1,500
Safe Working Load (kg/lbs)	1,500 / 3,307
Ground Speed	Proportional control. Maximum speed 2km/hr (1.25m/hr)
Battery System	Two (2) 48VDC lithium 45.5Ah batteries 4.6kWh battery system
Power Unit	3.5kW 48V Electric motor and pump
Drive System	Two (2) independent 100cc orbit motors, AGFO brake and R90 1:3 gearbox drive systems
Radio System	Scanreco G3B remote control system, 2.4Ghz operating frequency



BOB

DIMENSIONS (MM/INCH)

Length (L)	1,314 / 51.7	Ground Clearance (GC)	60 / 2.4
Width (W)	780 / 30.7	Track Clearance (TC)	460 / 18.1
Height (H)	400 / 15.7	Track Width (CW)	154 / 6.1
Table Length (TL)	1,163 / 45.8	Table Width (TW)	700 / 27.6



BOB 5T

Part No: BOB-5T-ASY-000-00

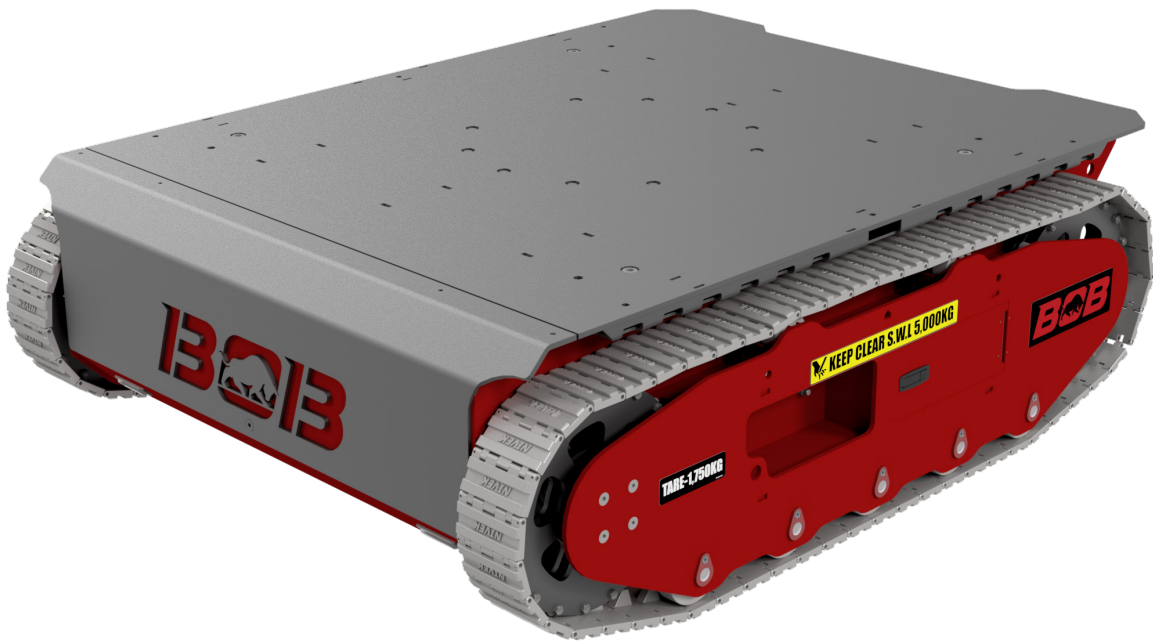
The BOB 5T is a remote controlled, all terrain carrier designed to transport loads of up to 5,000kgs (11,000lbs) over long distances.

The dual 48V electric drive motors and a massive 10kWh battery supply, means the BOB 5T will happily carry your heavy load over any terrain to your destination.

By using the AUX power outlet, the BOB 5T can be fitted with custom made smart attachments to suit any customer heavy load carrying, lifting or working requirements. These smart attachments are controlled via the wireless remote control, allowing the operator to stand clear when in operation, greatly reducing the risk associated with moving heavy loads.



BOB



CONTROL SYSTEM

Wirelessly controlled by a paired Scanreco G3B remote control system operating at 2.4Ghz.



ENGINE

A 48V battery system powers BOB 5T's two independent 3.5kW infinite control electric motors



ALL TERRAIN

Steel tracks and electric drive system provides ample traction on most surfaces and enables operation in enclosed spaces.



CAPACITY

Built with an impressive 5,000kg (11,000lbs), all terrain, safe working load capacity.



FUNCTIONALITY

Designed to carry heavy loads long distances without needing to recharge. It can be deployed to the field to assist operators carrying heavy loads and serve as a mobile power unit for powered attachments.



ADAPTABLE

A variety of powered or unpowered attachments allowing operators to quickly change attachments for a variety of tasks to be performed safely and efficiently.

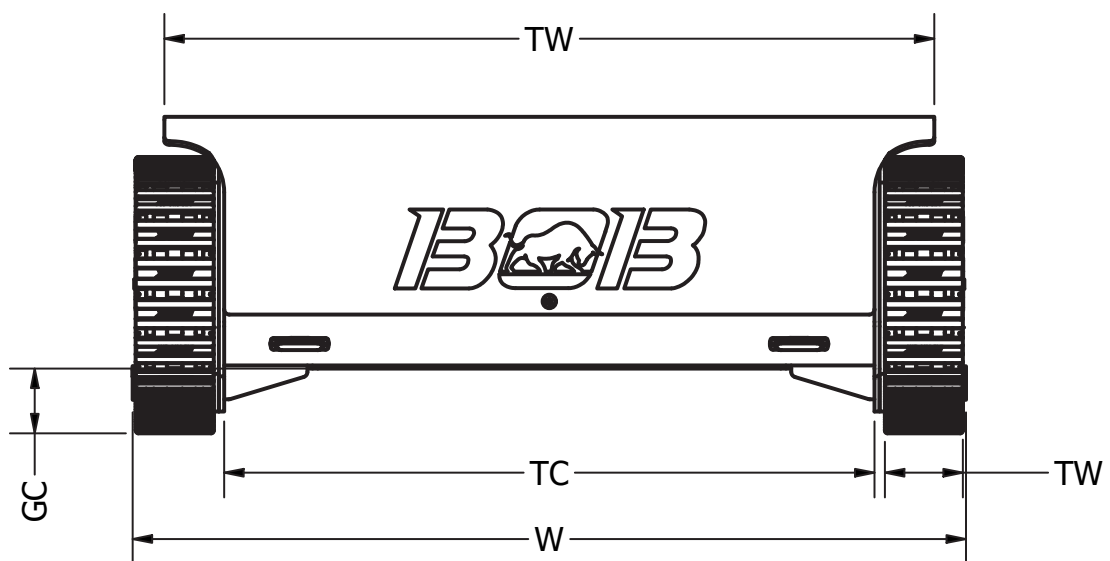
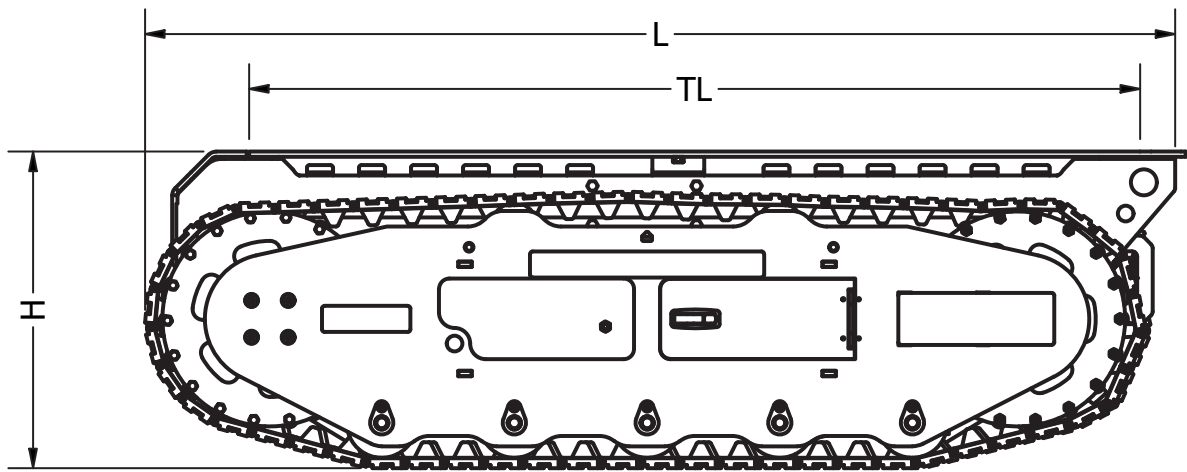
SPECIFICATIONS

Tare weight (kg/lbs)	1,750 / 3,858
Safe Working Load (kg/lbs)	5,000 / 11,023
Ground Speed	Proportional control Maximum speed 5km/hr (3.1m/h)
Drive Motors	Two (2) 48VDC Brushless electric drive motors and motor controllers 3.5kW with 51:1 Inline gearbox, Electromagnetic brake
Battery System	10kWh battery system, upgradeable to 14kWh
Radio System	Scanreco G3B Remote Control System, 2.4Ghz operating frequency



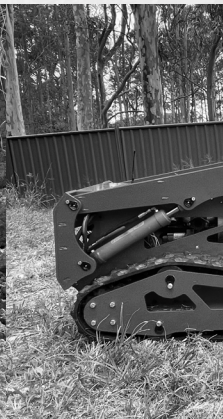
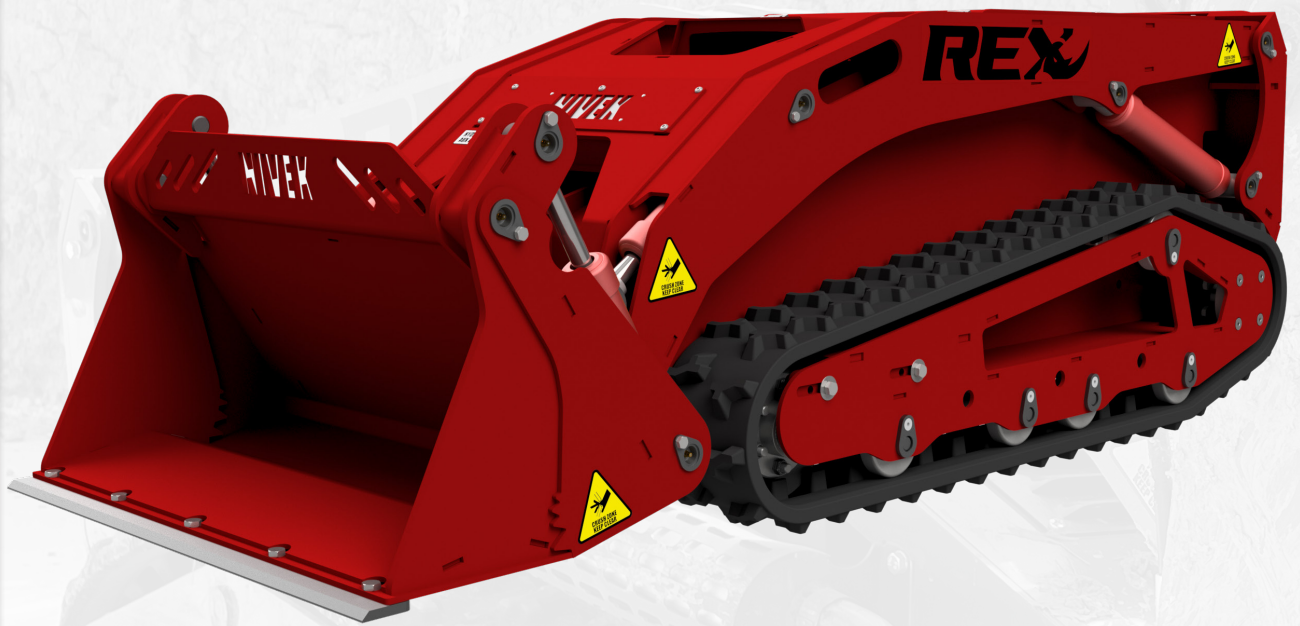
DIMENSIONS (MM/INCH)

Length (L)	1,980 / 78	Ground Clearance (GC)	124 / 4.9
Width (W)	1,602 / 63.1	Track Clearance (TC)	1,250 / 49.2
Height (H)	608 / 23.9	Cleat Width (CW)	150 / 5.9
Table Length (TL)	1,712 / 67.4	Track Width (TW)	1,480 / 58.3



BOB

REX



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REX

Part No: REX-ASY-000-00

The REX is an electric, remote controlled, all terrain mini-loader designed to access confined spaces and traverse rough and inclined terrain. Combine this with the rubber tracks and low centre of gravity and you have a true all-terrain machine, allowing operators to access areas other diggers cannot go.

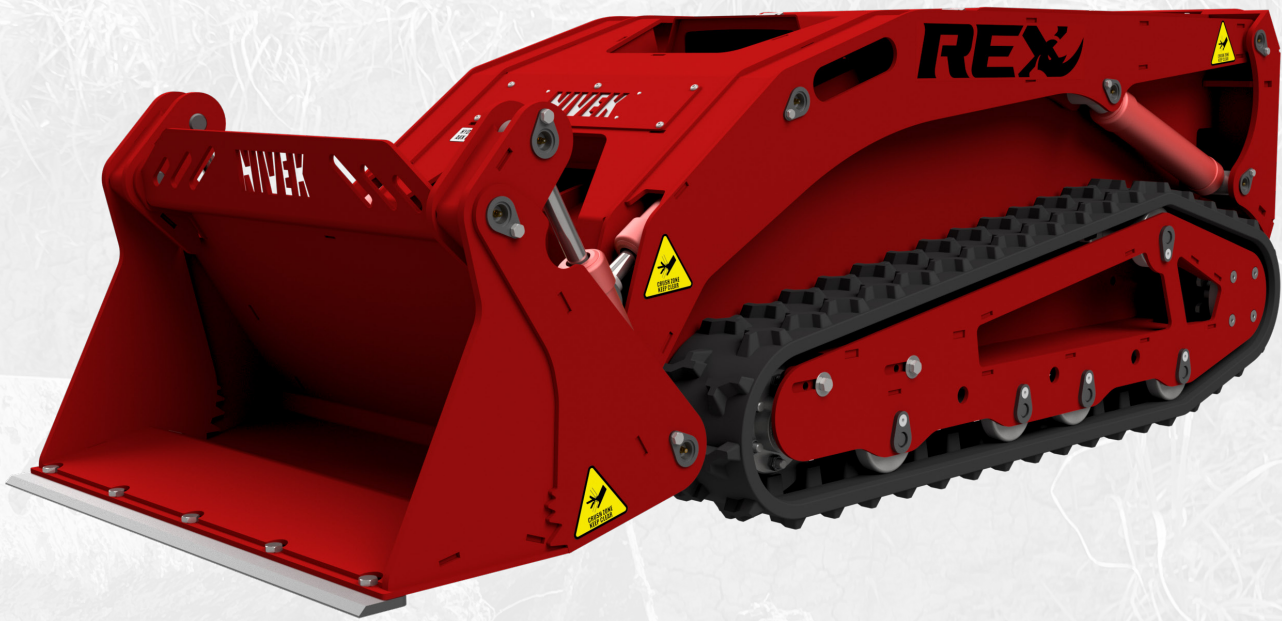
The REX's four 48V lithium batteries provide 9.6kWh of energy providing a run time at maximum power of 1.5 hours. Being hot-swappable, operators can quickly changeout the batteries and have REX operating continuously with minimal downtime.

The main electric power unit drives a triple pump system incorporating a dual transmission pump for superior drivability and a dedicated pump for hydraulic arm and auxiliary functions.

Fitted with an interchangeable 50L 4-in-1 bucket as standard, the REX can perform a multitude of tasks simply by changing attachments via the quick release couplers and locking handles swapping out the bucket for a trencher or auger.

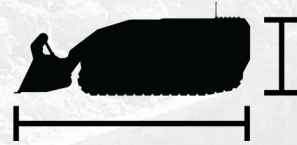
Operated by a dual joystick wireless remote control, operators can manoeuvre REX into position and activate its arms simultaneously. The joysticks are fully proportional allowing operators to easily control the speed of REX and position of the arms accurately.





CONTROL SYSTEM

Wirelessly controlled by a paired radio system operating at 2.4GHz.



COMPACT

Designed to fit through a standard doorway, allowing it to be utilised where other machines cannot fit.



ALL TERRAIN

Rubber tracks and electric drive system provides ample traction on most surfaces and enables operation in enclosed spaces.



CAPACITY

Rated to handle an impressive 400kg (880lbs), providing operators with sufficient lifting capacity and pushing force.



HOT-SWAPPABLE BATTERIES

Hot-swappable batteries provide continuous operation with minimal downtime.



ADAPTABLE

REX's hitch plate allows operators to quickly change attachments letting them perform a variety of tasks safely and efficiently.



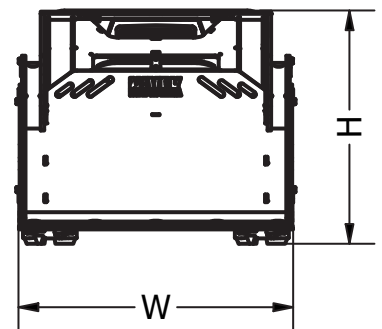
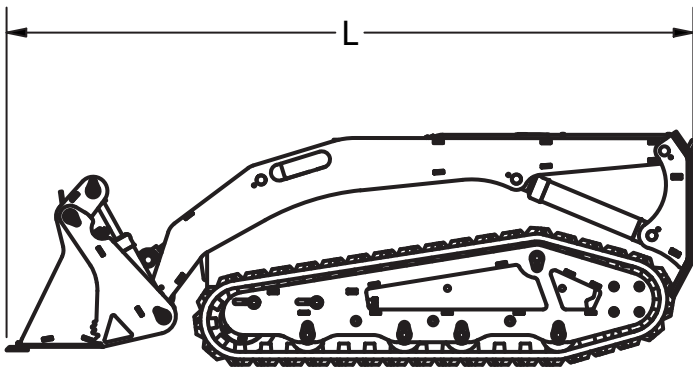
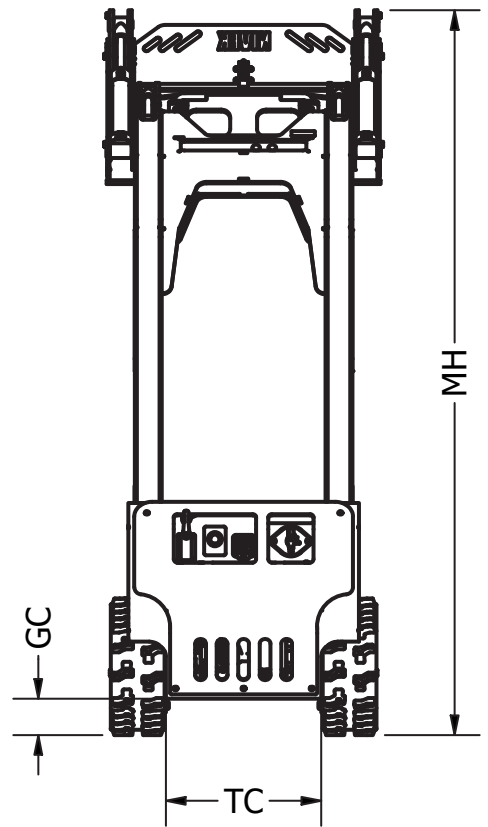
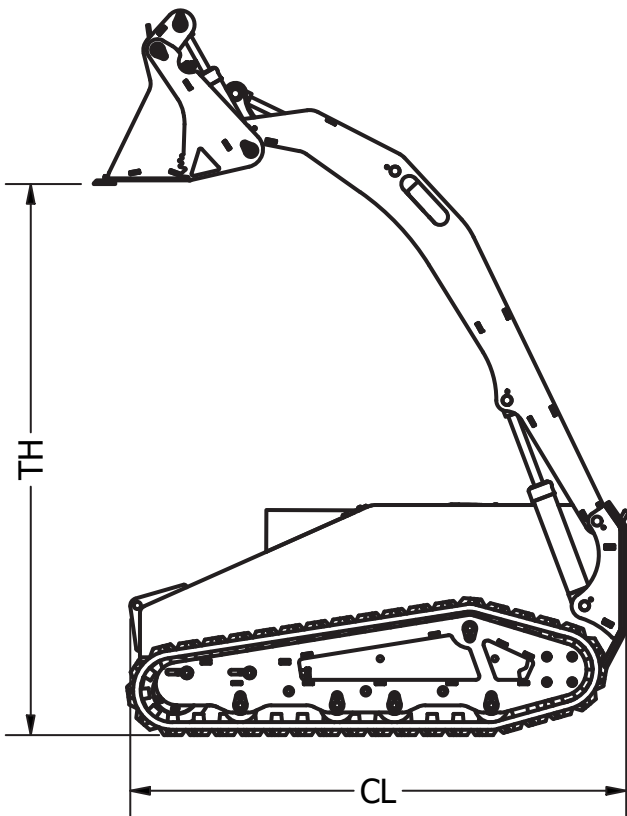
SPECIFICATIONS

Tare weight (kg/lbs)	650 / 1,433
Ground Speed	Proportional control Maximum speed 5kph (3.1mph)
Battery System	Four (4) hot-swappable 48VDC lithium 45.5Ah batteries 9.2kWh battery system
Power Unit	5.2kW 48V electric motor powering two (2) transmission pumps for drive and a dedicated pump for arm function and auxiliary
Drive System	Two (2) independent 100cc orbit motors, AGFO brake and R90 1:3 gearbox drive systems
Radio System	Scanreco G3B remote control system, 2.4Ghz operating frequency
Attachments	50L 4-in-1 bucket as standard Spring loaded locking handles and quick release hydraulic couplers for quick changeout of attachments



DIMENSIONS (MM/INCH)

Total Length (L)	1,915 / 75.4	Ground Clearance (GC)	100 / 3.9
Width (W)	766 / 30.2	Track Clearance (TC)	433 / 17
Height (CH)	650 / 25.6	Tipping Height (TH)	1,535 / 60.4
Chassis Length (CL)	1,382 / 54.4	Max Height (MH)	2,020 / 79.5





@nivekindustries

15 Mathry Close
McDougalls Hill
NSW 2330 Australia

PH +61 (0) 418 517 359



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INDUSTRIES

www.nivekindustries.com.au