

THUNDER DONKEY

REDEFINING ACCESS IN CHALLENGING ENVIRONMENTS



Thunder Donkey represents over two decades of experience delivering practical solutions for challenging projects transformed into a purpose-built work platform. Developed from practical field knowledge, it is engineered to solve the specific access and lifting challenges presented by tidal environments, wetlands, soft ground, and remote worksites—extending the reach of conventional construction while reducing project risk and increasing operational certainty.

**WHEN
ACCESS
MATTERS
MOST.**

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PURPOSE BUILT PRACTICALITY

Thunder Donkey has been engineered around the realities of modern construction projects. Every design decision has been driven by the need to simplify mobilisation, reduce setup time, improve access and maximise operational versatility. Rather than a fixed machine, Thunder Donkey is a configurable platform that can be adapted to suit changing project requirements.

Modular, removable and interchangeable components allow the platform to evolve with the task at hand—supporting versatility, simplified maintenance, and future capability upgrades. The result is a highly adaptable machine that delivers practical solutions to a broad range of access, lifting and construction challenges.

ENGINEERED
FROM THE
CORE.

At the heart of Thunder Donkey is the original central chassis, which forms the foundation of the platform's modular design. This structure retains the ability to retract the pontoons for transport while providing the primary support for the removable deck system. The forward center section and aft-mounted hydraulic power unit remain permanently integrated, with removable deck panels stowed over the retracted pontoons during transport. This configuration reduces transport dimensions, simplifies mobilisation, and enables rapid reconfiguration on site without compromising structural integrity or operational capability.

A comprehensive tie-down system is incorporated throughout the platform, with rows of lashing points positioned along both pontoon decks and the forward center section. Designed to accommodate a wide variety of equipment and cargo, the system provides flexible, secure load restraint for safe transport and reliable operation across projects.

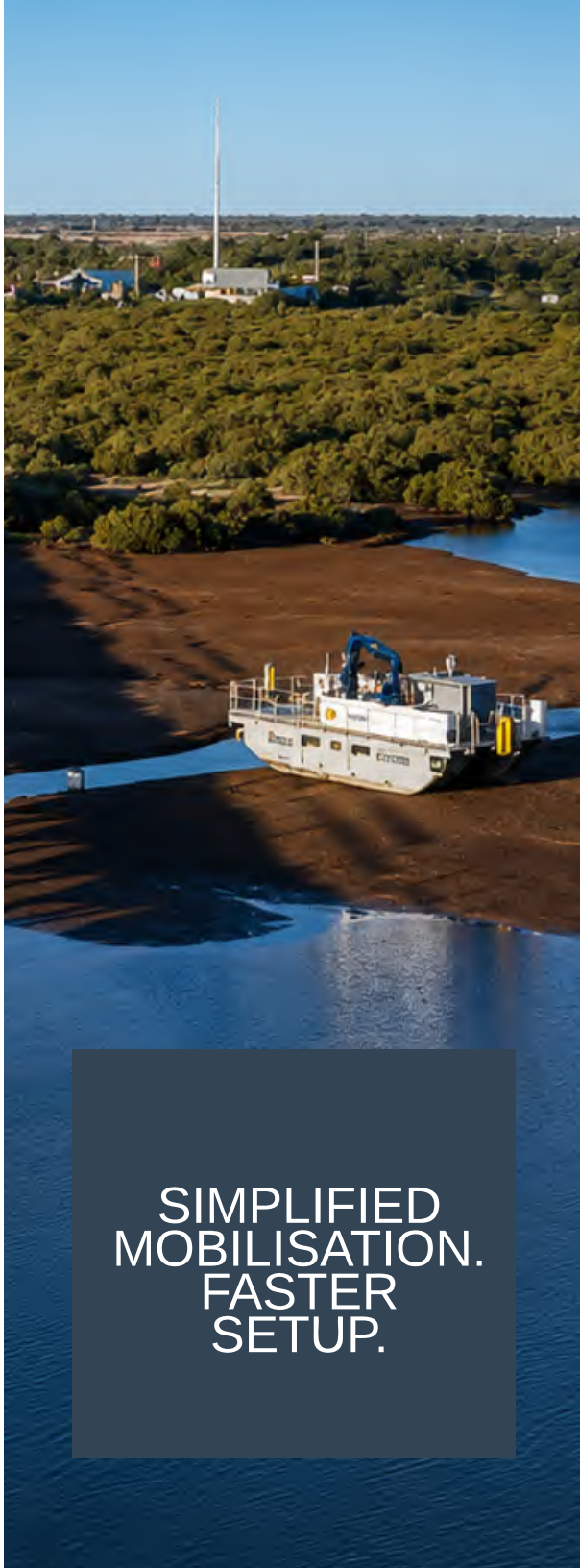




MOBILISATION OPTIMISED

COMPACT FOR TRANSPORT, READY FOR WORK.

Engineered to retract under 3.5m for transport while retaining full self sufficient operational capability, Thunder Donkey reduces mobilisation constraints, simplifies logistics, and enables efficient deployment to remote, tidal, and difficult to access sites.



SIMPLIFIED MOBILISATION. FASTER SETUP.

SAFER BY DESIGN

OPERATOR SAFETY

Operator safety has been integrated into every stage of the Thunder Donkey's design. Full remote-control operation enables personnel to remain clear of hazardous work zones while maintaining complete operational control. Remote emergency stop system provides immediate shutdown capability to all in the work group, Automatically deployed hydraulic access stairs deliver safe egress in emergency situations.

ENVIRONMENTALLY CONSCIOUS

Environmental performance has been considered throughout the design to minimise operational risk in sensitive work environments. Integrated bunding and the use of biodegradable lubricants are specified to further reduce environmental impact in the unlikely event of an accidental release.

Low-impact access capability enables work to be undertaken with reduced disturbance to sensitive ground.

OPERATIONAL ADVANTAGE

Thunder Donkey is engineered with practical features that improve safety, reduce risk and simplify operations.

DEEP WADING



Machine is able to traverse wet and swampy ground in depths of up to 1.5m.

500m REMOTE E-STOPS



Allows instant isolation of hydraulic circuits by others in the work group.

SOUND ATTENUATED HPU



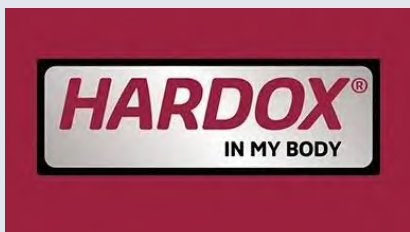
Improves working environment and operator comfort.

EXCAVATOR TRACKS



Standard excavator track components are robust, reliable and readily available.

ABRASION RESISTANT STEEL



Hardox steel plating is used in the wearing parts of the pontoons.

SELF SUPPORTED MOBILISATION



Doesn't require a crane for assembly or a pilot for transportation.

EXTERNAL MONITORING



Custom monitoring system enables operator to monitor machine vitals externally.

REMOTE CONTROLLED



Enables machine and crane to be controlled from the position most appropriate to the task.

**TRANSPORT.
LIFT.
ACCESS.**



DECK SPACE EXCEEDS STANDARD TRAILER

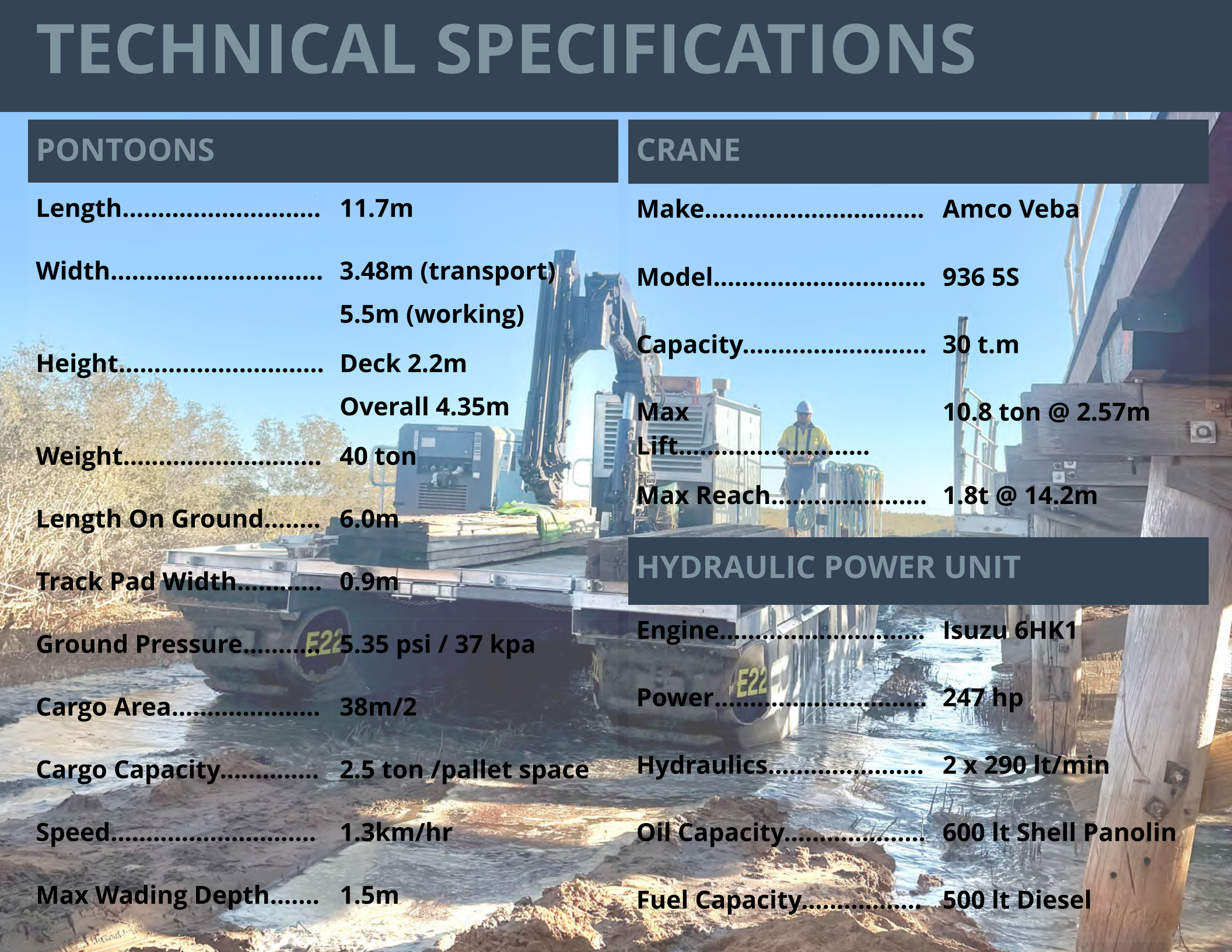
FRANNA CLASS LIFTING

WETLANDS ACCESS



TECHNICAL SPECIFICATIONS

PONTOONS



Length.....	11.7m
Width.....	3.48m (transport) 5.5m (working)
Height.....	Deck 2.2m Overall 4.35m
Weight.....	40 ton
Length On Ground.....	6.0m
Track Pad Width.....	0.9m
Ground Pressure.....	E22 5.35 psi / 37 kpa
Cargo Area.....	38m/2
Cargo Capacity.....	2.5 ton /pallet space
Speed.....	1.3km/hr
Max Wading Depth.....	1.5m

CRANE

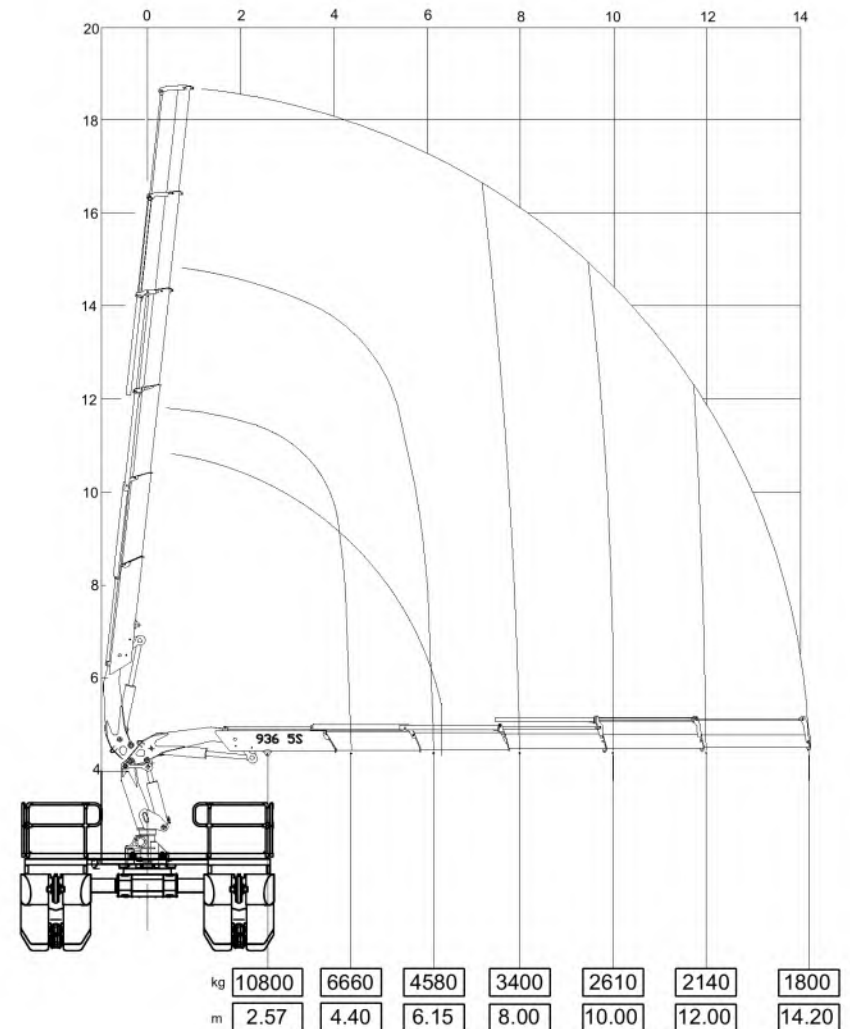
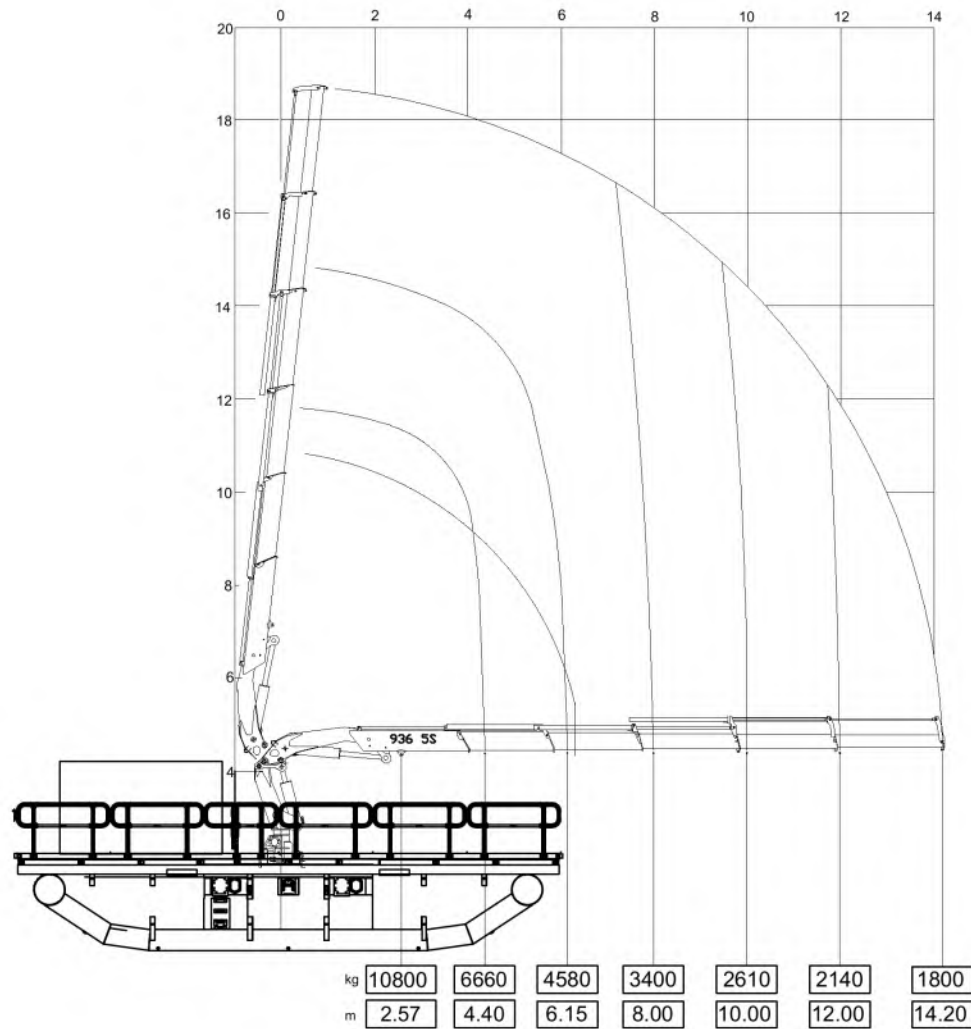
Make.....	Amco Veba
Model.....	936 5S
Capacity.....	30 t.m
Max Lift.....	10.8 ton @ 2.57m
Max Reach.....	1.8t @ 14.2m

HYDRAULIC POWER UNIT

Engine.....	Isuzu 6HK1
Power.....	247 hp
Hydraulics.....	2 x 290 lt/min
Oil Capacity.....	600 lt Shell Panolin
Fuel Capacity.....	500 lt Diesel

CRANE WORKING RANGE

AMCO VEBA 9365S



Indicative crane capacity only. Actual allowable lifting capacity is subject to platform configuration, stability, operating conditions and approved load charts.