



Lifting your dreams

AERIAL WORK PLATFORM

DT-720

Crane capacity

3,000 kg at 4.55 m

Maximum drilling torque

7,060 N·m {720 kgf·m}



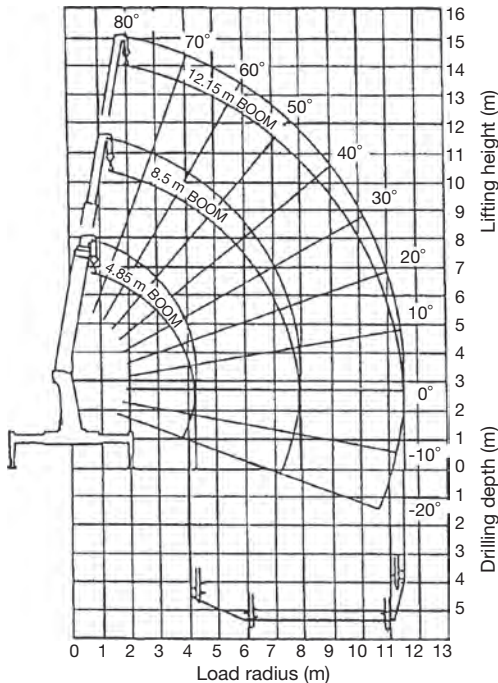
MODEL: DT-720

SPECIFICATIONS

CRANE CAPACITY	3,000 kg at 4.55 m
MAXIMUM DRILLING TORQUE	7,060 N·m {720 kgf·m}
VEHICLE MASS*	approx. 7,840 kg
AUGER	Hydraulic piston motor driven through planetary reduction gear. Revolution type, installed on boom head for drilling. Stowage alongside base boom.
Auger diameter	0.45 m
Max. auger speed	53 rpm
Max. drilling depth	5.2 m
Max. drilling radius	11.1 m
Auger slide stroke	1.92 m
BOOM	3-section fully powered synchronized telescoping boom of box construction. The synchronization system consists of a double acting hydraulic cylinder, an extension cable and a retraction cable. Hydraulic cylinder fitted with a holding valve.
Fully retracted length	4.85 m
Fully extended length	12.15 m
Extension speed	7.3 m in 23 s
HOIST (Winch)	Hydraulic motor driven, planetary gear speed reduction, equipped with automatic fail-safe brake and counterbalance valve.
Single line pull	1,500 kg
Single line speed	68 m/min (at 3rd layer)
Wire rope spin resistant ty	10 mm x 48 m
Diameter x length	10 mm x 48 m
HOOK BLOCK	Single sheave, swivel type hook with safety latch.
-3,000 kg capacity	
ELEVATION	By double acting hydraulic cylinder, fitted with a holding valve.
Elevation speed	-20° to 80° in 24 s
SLEWING	Hydraulic piston motor driven through worm reduction gear. 360° continuous in either direction on ball bearing slew ring.
Elevation speed	2.0 rpm

HYDRAULIC SYSTEM	Pumps Control valves Hydraulic oil tank capacity Filter	Dual gear pumps. Multiple valves actuated by hand lever with integral relief valves. Approx. 118 L Return line filter
OUTRIGGERS	Fully extended width	4 hydraulically operated outriggers. Each outrigger controlled simultaneously or independently. Floats mounted integrally with the jacks and retract to within vehicle width. All cylinders fitted with pilot check valves. Front: 4.0 m Rear: 3.8 m
SAFETY DEVICES		<ul style="list-style-type: none"> • Over winding cut out device • Winch automatic fail-safe brake • Automatic hook height compensating device • Auger safety stowing device • Load meter • Load indicator • Hook safety latch • Hydraulic safety valves • Hydraulic cylinder lock valves • Angle indicator
ACCESSORIES		<ul style="list-style-type: none"> • Tool box • Wheel chocks • Working light • Standard tools (1 set) • Wood blocks (for outriggers) • Hydraulic power outlets • Earth cord with reel • Wire rope guard (mounted on the back of boom) • Level Gauge
OPTIONAL EQUIPMENT		<ul style="list-style-type: none"> • Pole puller (with hydraulic hose and chain) capacity : 8.5 ton • Auger extension shaft (2 m long)

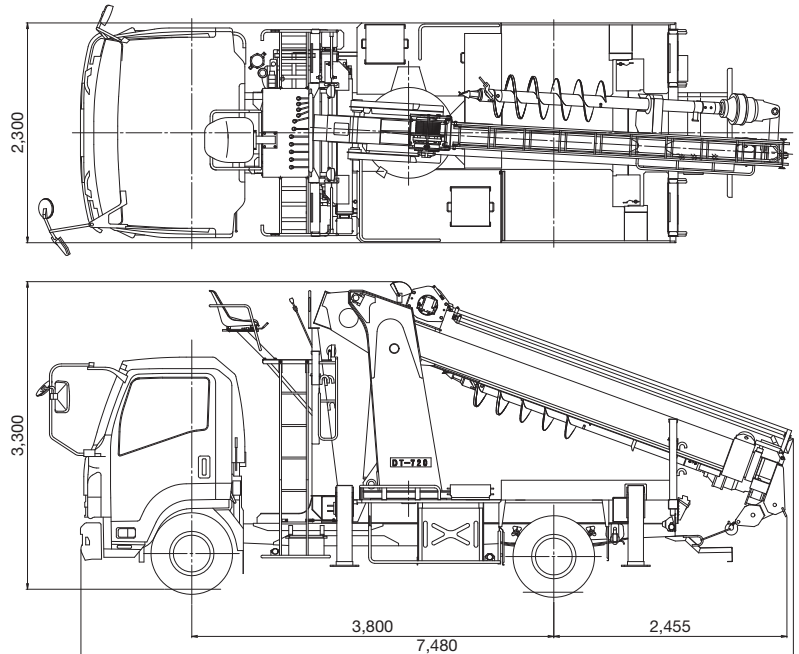
WORKING RANGE



NOTE: Specifications are subject to change without notice.

DIMENSIONS (Approx.)

(mm)



NOTE: May vary depending on the carrier specification

*Some specifications are subject to change.



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