

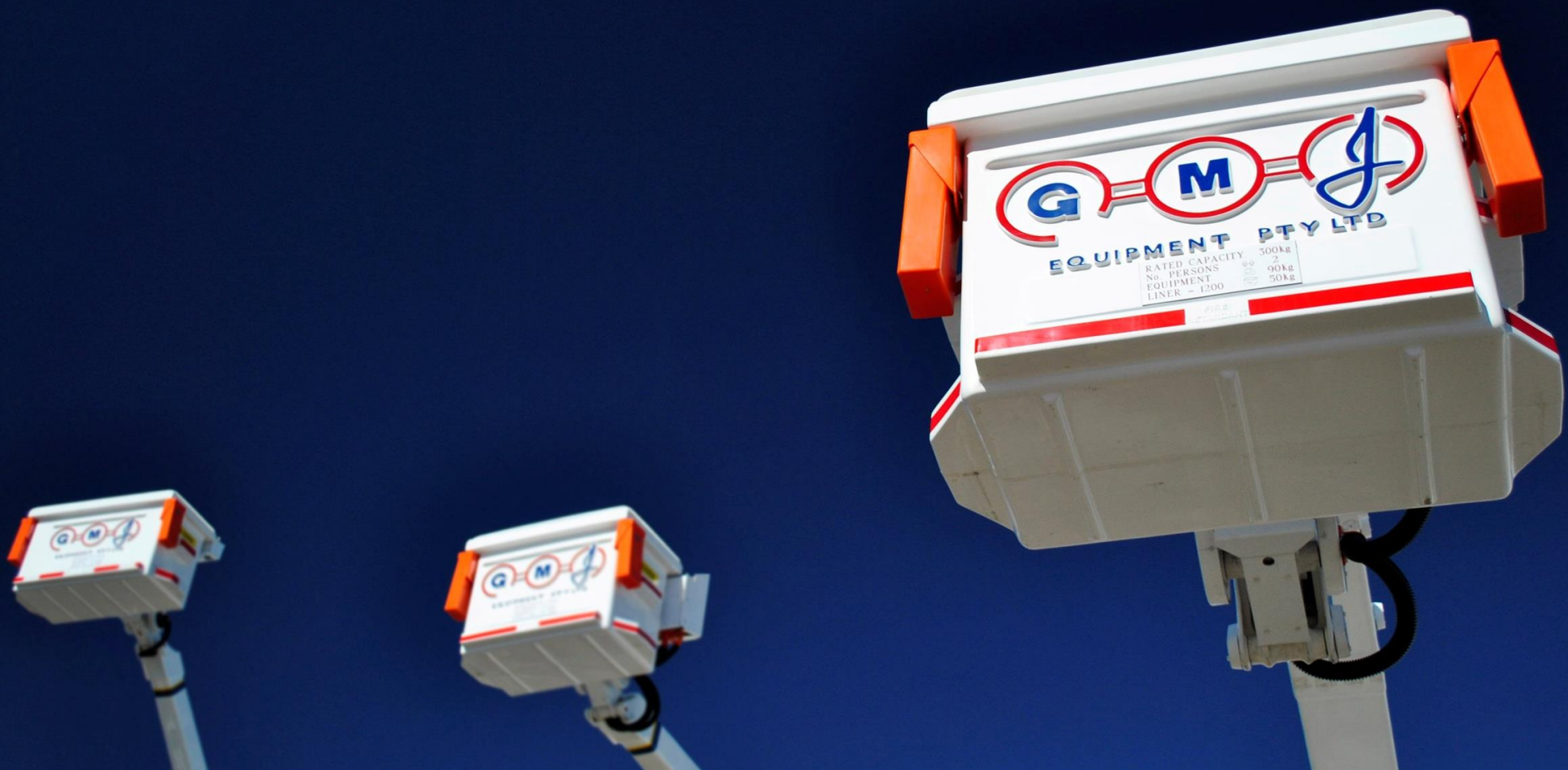


Proudly Australian made & owned



# TTF17.300

## TECHNICAL SPECIFICATION & FEATURES



## Functionality and reliability in one practical package

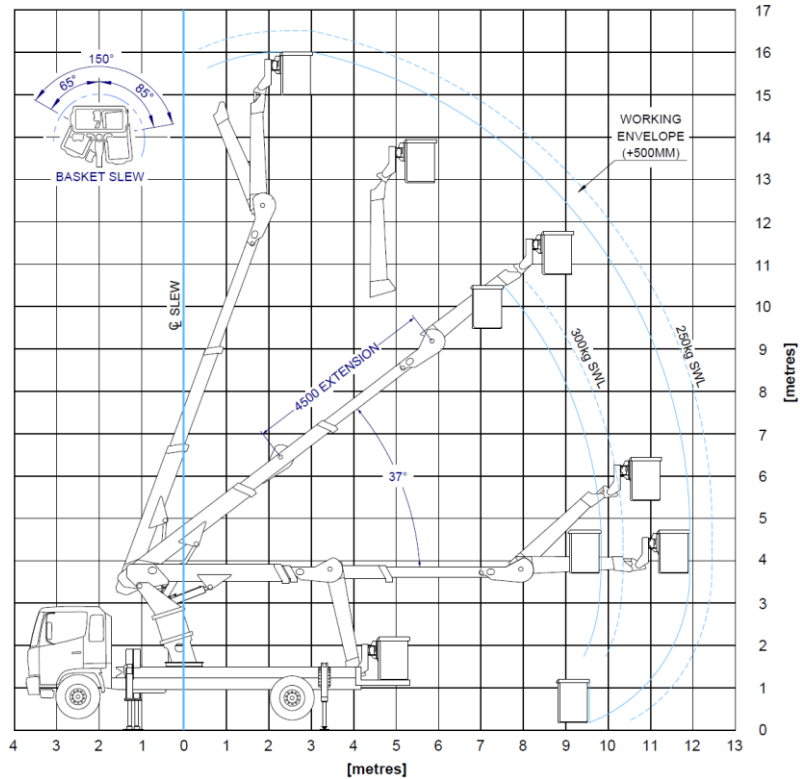
- Zero tail swing for efficient traffic management
- Superior reach – 12.7m including 135° fly boom rotation
- Compact boom design, maximising manoeuvrability around powerlines and trees, and suited to a short wheelbase cab chassis
- A light weight but robust construction, standing up to the demanding Australian conditions
- Designed and constructed using the latest in MEWP technology
- 90% Australian made



*For more information please visit [www.gmj.com.au](http://www.gmj.com.au)*

*Proudly designed and manufactured in Australia*

# TECHNICAL SPECIFICATION & FEATURES



## OPERATING SPECIFICATION

Model	TTF17-300	
Boom configuration type	Telescopic / fly (Zero tail swing)	
Safe working load (w/ Basket rot.)	250 kg	S
→ Restricted tele. to 37°	300 kg	O
Basket construction	Fibreglass - Flame retardant to ASTM D635	
Working height	17.0 m	
Floor height	15.0 m	
Reach	12.7 m	
Relevant conformance standard	AS/NZS 1418.10:2011 – Mobile elevating work platforms	
Cab chassis requirement (min.)	4.5 m, 14,000 kg GVM	

## OPERATING SPECIFICATION CONT.

Mass of unit include. tray body	5,800 kg – Approx.	
Travel height	3.75 m – Approx.	
→ <b>INSULATION SPECIFICATION</b>		
Chassis insulation rating	33 kV - Dry	S
	33 kV - Wet	O
Basket operator insulation rating	132 kV - Dry	S
	66 kV - Wet	O
Chassis insulation effective length	0.5 m	
Basket operator insulation effective length	2.0 m	
Low voltage insulation	All metallic portions above 4.5 m	
→ <b>STABILISATION</b>		
Front type	Hydraulic in/out – up/down – Short throw	S
Rear type	Hydraulic up/down	S
Automatic stabilisation	Automatic stow/engage & level at the touch of a button	O
Max. stabiliser spread	3.7 m	
Ground penetration	0.25 m	S
	0.40 m	O
Max. operating chassis slope	± 5° Both directions	
Max. stabiliser load	100 kN (10,000 kg) – Per pad	
Max. operating wind speed	12.5 m/s (45 km/h)	
Level indicators	3 off visible at stabiliser controls	S
→ <b>BOOM PERFORMANCE</b>		
Slew	Continuous 360°	
Lower boom	-6° → 70°	
Extension boom	4.50 m extension – 250kg SWL // 2.40 m up to 37° - 300kg SWL	
Fly boom	135° Rotation	
Basket	150° Rotation	O

# TECHNICAL SPECIFICATION & FEATURES

OPERATING SPECIFICATION CONT.		
→ <b>BOOM SPEEDS</b>		
Slew ±360°	90 – 100 sec	
Lower boom – Raise/lower	35 – 45 sec	
Extend – In/out	30 – 35 sec	
Fly boom – Raise/lower	20 – 25 sec	
→ <b>SAFETY FEATURES</b>		
Emergency stops	Emergency stops (3 off) located at all control locations with indication light to illustrate when active	S
Over centre valves	O/centre valves fitted to all cylinders to prevent unintended movement in the unlikely event of hydraulic hose failure	S
Basket tilt	Basket tilt function to allow retrieval of injured personnel in the event of emergency use	S
Boom/Stabiliser interlock	Boom/stabiliser interlock to prevent the operation of the booms without the stabilisers safely engaged	S
Basket tie down interlock	Prevents the ability to pack up the stabiliser legs unless the basket is correctly tied down and the boom fully stowed	O
Back-up retrieval systems	Base manual controls located at the turret	S
	Electro-hydraulic emergency power pack	S
	Hand pump back-up for all booms and stabilisers	S
	Manual bleed down screws fitted to cylinders for manual retrieval	S
	Controlled decent devices fitted to the basket for each operator	S

## FACTORY OPTIONS

FACTORY OPTIONS		
→ <b>MOTION CONTROLS</b>		
Basket controls		
→ Radio remotes (Single)	Autec – Basket	S
→ Radio remotes (Dual)	Autec – Basket / Base	O
→ Pilot	Joystick – 2 off	O
→ Single pistol grip	Single hand operation pistol grip	O

FACTORY OPTIONS CONT.		
Basket slew control	Inbuilt into the radio remote at the basket controls	O
Base controls	Rexroth proportional electro-hydraulic valve at the pivot frame	S
	Emergency controls located at the tray level	O
	Spool positioning	O
Stabiliser controls	Location customer specific	S
Engine stop / start	Located at the basket, pivot frame, and tray level	S
→ <b>BASKET</b>		
Basket construction	Fibreglass - Flame retardant to ASTM D635	S
	Non-slip grit type on internal/external access steps	S
Basket size (internal)	1.2 m (wide) x 0.7 m (long) x 1.0 m (high)	O
	1.35 m (wide) x 0.65 m (long) x 1.0 m (high)	S
	1.5 m (wide) x 0.7 m (long) x 1.0 m (high)	O
Basket articulation	0° - Fixed	S
	150° - Helical rotary actuator	O
Basket liner	Flame retardant to ASTM D635 - Includes 2 internal access steps	O
Basket accessories	Lifting jib attachment with ratchet hoist - 100 kg SWL	O
	Ribbed vinyl basket cover	O
	Basket cover – Aluminium chequer plate	O
	Fibreglass removable tool tray	O
→ <b>HYDRAULICS</b>		
Hydraulic circuit	Open centre	S
	Closed centre	O
Hydraulic operating pressure	17 MPa	S
Hydraulic pilot pressure	3.5 MPa	S
PTO & Pump (Gear type)	Single or tandem	S
Accumulator size (Closed centre)	37L or 50L	O
Hydraulic tank	140L - Capacity	S
	Sight glass with temperature gauge	S

## FACTORY OPTIONS

FACTORY OPTIONS CONT.		
Pressure filter	10 micron	S
	3 micron	O
Return filter	10 micron	S
Hydraulic oil related options	Water separator	O
	Oil cooler radiator with fan	O
	Temperature alarm	O
→ <b>HYDRAULIC TOOLS</b>		
Location	Basket and/or base	O
Fitting type	Flush face	O
Intensifier	Located at the basket	O
Hydraulic tools pressure filter	10 micron (Standard on Open Centre circuit)	O
	3 micron	O
→ <b>MOTION SYSTEMS</b>		
Slew interlock	Single side operation with stabilisers retracted one side (Not applicable with A-frame stabilisers)	O
Out of level alarm	Buzzer active when chassis is out of level in either plane	O
Remote holder alarm	Buzzer active when radio remotes are not stored in their holder when PTO is deactivated	O
→ <b>BODY DETAIL</b>		
Tray deck	Steel chequer plate	S
	Aluminium chequer plate	O
	Aluminium clip-lock	O
Deck access	Fixed step	S
	Single fold up step	O
	Double fold up steps	O
Mud guards	Steel or Aluminium	S
	Plastic bolt on	O

FACTORY OPTIONS CONT.		
→ <b>BODY LIGHTING</b>		
Side clearance lights	LED type	S
Tail lights	LED type	S
Number plate light	LED type	S
Revolving lights	LED beacon – Small / large	O
	LED Strobe	O
	LED flasher	O
	Customer specified	O
Work lights	LED spot light	O
	LED spread light	O
	LED spot/spread light combination	O
	Remote LED search light	O
Arrow light	LED arrow stick	O
	Single arrow – Swing over	O
	Double ended arrow	O
Locker lights	LED strip	O
Step lights	LED type	O
Deck lights	LED type	O
→ <b>INDICATION LIGHTING</b>		
Exterior indication lighting	Boom not stowed	S
	Basket not tied down	S
	Stabiliser legs out	S
	Stabiliser legs engaged	S
	Emergency stop active	S
	Boom stow light	S

## FACTORY OPTIONS

FACTORY OPTIONS CONT.		
Cabin indication lighting	PTO Engaged	S
	MEWP / truck hour meter	S
	Stabiliser not stowed	S
	Boom not stowed	S
	Step/vice not stowed	S
	Locker door open	O
	Pressure filter clogged (indicator on filter as standard)	O
	Return filter clogged	O
	Step lights on	O
→ <b>POWER MANAGEMENT</b>		
Dual batteries	Dual battery system	S
Battery management	Autonomous management system of the dual batteries, includes a smart start assist button in the cab for additional truck cranking power	O
Inverter	Customer specified	O
→ <b>TOW BAR</b>		
Type	Pintle	O
	Pintle & ball	O
Capacity	4,500 kg	O
Height	Customer specific	-
Plug	7 pin round – Small or large	O
→ <b>PAINT &amp; FINISHING</b>		
	All components painted using 2 pack paint	S
Booms	Polished GRP - White	S
	Ultra-reflective diamond tape safety stripes at knuckle	S
Steel work	White gloss	S
Tray body	Black gloss	S
Hand rail/Access steps	White gloss	S
	Yellow gloss	O

S STANDARD

O OPTION

X NOT APPLICABLE

## FACTORY OPTIONS CONT.

Stabiliser legs	White gloss	S
	Ultra-reflective diamond tape safety stripe	S
Basket	Ultra-reflective diamond tape safety stripe	S
Access steps	Non-slip grit strip on all steps	S

## FACTORY FITTED ACCESSORIES

### FACTORY FITTED ACCESSORIES

#### → LOCKERS

Material	White powder coat 1.6 mm zinc anneal construction with field proven design to prevent water ingress	S
	3 mm aluminium, powder coated or raw	O
Internals	Fully customisable to customer specification	-
Features	Stainless steel lockable T-handles	S
	Stainless steel hinges	S
Options	Central locking	O
	Roller doors	O
	Hydraulic lift door	O

#### → ALTERNATIVE STORAGE

Sign racks, ladder racks, rubbish bins, roof protector etc can be fitted as per customer specification

O

## FACTORY FITTED ACCESSORIES

### FACTORY FITTED ACCESSORIES CONT.

#### → CAB CHASSIS ACCESSORIES

	In cab operator terminal screen:	
	<ul style="list-style-type: none"> <li>▪ Control MEWP functions and accessories</li> <li>▪ Live monitoring &amp; data logging</li> <li>▪ Diagnose &amp; fault-finding tool</li> <li>▪ Service information &amp; reminders</li> <li>▪ Plant certificates &amp; manuals</li> <li>▪ Trouble shooting menu</li> </ul>	
Operator terminal screen		O

Tyre pressure management	A central tyre inflation system which allows the operator to control and monitor the air pressure in the tyres	O
<b>→ MISCELLANEOUS ACCESSORIES</b>		
Stabiliser pads	Timber with rope grab handle	O
	Plastic moulded	O
	High impact polyethylene	O
Fire extinguisher	Wet - 9.0 kg	O
	Dry - 4.5 kg	O
	Dry - 9.0 kg	O
Water tank	15L including soap dispenser	O
	50L	O
Witches hat holder	On deck or under deck	O
Vice	100 mm fixed or slide out engineer's vice	O
Knap sack	16L with holder	O
Cable drum carrier	Electroplated, 100 kg SWL	O
Recovery points	Rear recovery hooks	O
Wheel chocks	Rubber complete with grab handle and holder	O
Earth chain	16 mm chain link	O
Oil tank drain cock	Mounted to either side of the tray body	O
Spill kit	Oil & fuel spill kit	O

Please contact GMJ Equipment regarding options not listed in this document

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