



# ARTICULATED MOBILE CRANE

## Annual Report

AC A 188730-14



**CraneSafe®**

Div of The Crane Industry Council of Australia  
ABN 73 002 565 773

PO Box 136  
MOUNT WAVERLEY VIC 3149  
Phone: +61 (03) 9501 0078  
Email: assessments@cranesafe.com.au

Initial Inspection Date: 30/04/2024

Reassessment Date: 07/05/2024

Conforms to Checklist: Yes

Issued Date: 07/05/2024

Next Inspection Date: 04/06/2025

### CRANE OWNER

**Rogers Crane Hire**

ABN 62 177 278 917

111 Fruit Tree Crescent FORRESTFIELD WA  
6058

### REPRESENTATIVE

**Mr Roger Moore**

0467 300 961

rogerscranehire@gmail.com



### Franna AT-20

**LOWER HOURS**  
**19200**

**KILOMETERS**  
**53725**

**YOM**  
**2009**

**SERIAL NUMBER**  
**4296**

**PLANT NUMBER**  
**DH3**

**MAX LOAD**  
**20000 KG**

**NUMBER OF AXLES**  
**2**

**DESIGN REGISTRATION NO.**  
**Q19500**

**PLANT REGISTRATION NO.**  
**WC21792**

**ROAD REGISTRATION**  
**1DMS.691**



### Assessed By

**Name** Paul Walker

**Phone** 0488 995 755

**Company** Training & Inspection Services

**Reg No.** WA1103

**Email** pwalkertis@bigpond.com

**Address** 22 Clydesdale Road MANDURAH WA  
6210

### Assessment

<b>Country Where Assessed</b>	Australia	<b>State</b>	WA
<b>Operators Manual in English</b>	OK	<b>Log Book</b>	OK
<b>Maintenance Records</b>	OK	<b>Crane Safety Manual</b>	No
<b>Major Inspection Report Sighted</b>	Yes		

This report is confirmation that the crane has undergone an annual inspection to the appropriate standard and is considered safe for continued operation at time of inspection. This report is confirmation that the crane has undergone a visual inspection on the date(s) stated and meets the standards of the CraneSafe assessment program at the time of inspection. The CraneSafe annual inspection is in addition to and does not replace pre-operation and routine inspections, maintenance and repairs necessary to comply with work, health and safety laws and requirements. In no event shall either CraneSafe or CraneSafe Endorsed Assessors be liable for any direct, indirect, punitive, incidental, special or consequential damages, including but not limited to loss of income, revenue, opportunity, goodwill, profit, anticipated saving or value of equipment arising out of or in any way connected with the use of the services, whether based on contract, tort, strict liability or otherwise, even if advised of the possibility of any such damages. This report is provided solely for the benefit of the Company named on its face. No other person is entitled to rely on anything contained in this Report and must make and rely solely on their own inspection and assessment in all respects and for all purposes.

Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

All CraneSafe forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.

© The Crane Industry Council of Australia 2024

Boom and Attachments

Base Section	OK	Lock Valve(s)	OK
No. 1 Section	OK	Extension Cylinders	OK
No. 2 Section	OK	Lock Valve(s)	OK
No. 3 Section	OK	Extend Ropes / Chains	OK
No. 4 Section	N/A	Retract Ropes / Chains	OK
Length Markings	N/A	Boom Length Recoil Drum(s)	OK
Rope Compensation System	OK	Boom Angle Indicator	OK
Hook Lift Lugs and Tonnage	OK	Extension / Fly Jib	N/A
Decals		Extension Sheaves and Bearings	N/A
Head Sheaves and bearings	OK	Boom Hazard Striping	OK
Idler Sheave and Bearing	OK	Rotating Beacon(s)	N/A
Rooster Sheave and Bearing	N/A	Main Hoist Rope Socket and Pins	OK
Extension / Fly Jib Mounts	OK	Correct Assembly and Connection of Hoist Rope Socket	OK
Machinery Hook	OK		
Boom Lift Cylinders	OK		

ANTI-TWO BLOCKS

Boom Head	N/A
Rooster Sheave	N/A
Extension / Fly	N/A

HOOK BLOCKS - WITH CRANE			
Description	Block	Manufacturer's Identification	OK
		4296	
Branded WLL (kg)	OK	Safety Latches	
16800kg		Sheaves and Bearings	OK
		2	
Swivel		Branded with Tare Weight (kg)	OK
		180kg	

HOOK BLOCKS - WITH CRANE No. 2			
Description	Rhino hook	Manufacturer's Identification	OK
		BB17408	
Branded WLL (kg)	OK	Safety Latches	OK
10000kg		Sheaves and Bearings	
		0	
Swivel	N/A	Branded with Tare Weight (kg)	OK
		15kg	

HOOK BLOCKS - WITH CRANE No. 3			
Description	Swivel hook	Manufacturer's Identification	OK
		BB38124	
Branded WLL (kg)	OK	Safety Latches	OK
20000kg		1	
Sheaves and Bearings		Swivel	OK
Branded with Tare Weight (kg)	N/A		
0kg			

Frame and Cabin

Frame	OK	Side Slope Deration Chart	OK
Counterweight Attachment -	N/A	Control Levers - Clearly Marked	OK
Security		Control Cables / Pilot Hoses	OK
Counterweight Hazard Striping	OK	Heater	REMEDIED
80km/h Maximum Speed Sign	N/A	<i>requires attention</i>	
(mounted on rear of crane)		Air Conditioner	REMEDIED
Boom Mounting Lugs	OK	<i>requires attention</i>	
Boom Mounting Pins	OK	Gauges	OK
Lift Cylinder Lugs	OK	Anti-Two block Alarms	N/A
Lift Cylinder Pins	OK	Horn	OK
Cab Glass and Mirrors	OK	Access Steps	OK
Sheet Metal / Guards	OK	Doors and Locks	OK
Seat and Assembly including Seat	OK	Crane Level Indicator	OK
Belts		Front Wiper	OK
Decals / Signs - In English	OK	Roof Wiper	N/A
80km/h Maximum Speed Sticker	N/A	Windscreen Wiper / Washer	REMEDIED
(mounted in cab of crane)		<i>not working requires attention.</i>	
Load Charts in English as per	OK		
AS1418			

Drive Systems

Radiator & Coolant level	OK	Engine Mounts	OK
Water Temperature Gauge	OK	Power Transmission Belts	OK
Radiator Hoses / Heater Hoses	OK	Exhaust Brake	REMEDIED
Fan / Fan Shaft Assembly	OK	<i>requires attention</i>	
Fan Guard	N/A	Muffler / Spark Arrestor	OK
Oil Filter & Oil Level	OK	Abnormal Engine Noises	OK
Water Pump and Conditioner	OK	Fuel Tank & Diesel Level	OK
Oil Cooler(s)	OK	Drive Coupling	OK
Fuel Lines	OK	No Transmission Noise / Leaks	OK
Throttle	OK	Present	
		Filter and Housing	OK
		Pump Drives (PTO)	N/A

Chassis Inspection

Frames	OK	Rear Brake(s)	OK
Suspension System	OK	Holding / Parking Brake	OK
Axle Lock Outs (if fitted)	N/A	Emergency Brake Release	N/A
Steering Components - Lugs / Pins etc	OK	Front Wheels and Tyres	OK
Front Axle(s)	REMEDIED	120psi	
Rear Axle(s)	OK	Rear Wheels and Tyres	OK
Differentials / Planetary Drives	OK	100psi	
Transfer Case	OK	Spare Wheel	OK
Drive Lines	OK	Engine Cows	OK
ABS Brakes	N/A	Articulation Joint	OK
Front Brake(s)	OK	measured 0.08mm	
		Tackle Boxes	OK
		Fire Extinguisher	OK

Hydraulic System

Hydraulic Reservoir & Oil Level	OK	Emergency Steering Pump	OK
Return Filters and Housing	OK	Steering Cylinder	OK
Hydraulic Lines \ Hoses and Fittings	OK	Relief Valves	OK
Oil Cooler(s)	N/A	Flow Control Valves	OK
Main Pump(s)	OK	Pressure Filter and Housing	OK
Steering Pump	OK		

Air Systems

Compressor	OK	Brake Valves	REMEDIED
Air Reservoirs	OK	Park brake labelling missing	
Drain Valves	OK	requires attention.	
Air Lines	OK	Air Cylinders	OK
Brake Chambers	OK	Gauges	OK
		Air Dryer	OK

Electrical Systems

Battery Box	OK	Hazard Lights	OK
Battery Cables	OK	Work Lights	OK
Battery Isolator	OK	Clearance Lights	REMEDIED
Head Lights	OK	Rotating Beacon(s)	OK
Tail Lights	OK	Switches and Relays	OK
Stop Lights	OK	Back-up Alarm	OK
Directional Indicators	OK	Horn for Road Travel	OK

Main Winch

Winch Condition & Oil Level	OK	Brake Operation	OK
No Leaks Present	OK	Drum Turn Indicator	N/A
Rope Spooling	OK	Wire Rope	OK
Winch Attachment, Pins / Bolts	OK	<i>measured 14mm</i>	
		Correct Assembly and Connection of Hoist Rope Anchor	OK

Rated Capacity Indicator (RCI)		Duty 01		
Load Chart Reference Number				
Printed Chart - No Load	OK		Printed Chart	RCI
			Boom Angle, deg	36.00°35.90°
			Boom Length, m	13.85m13.80m
			Radius, m	9.00m9.10m
			Load, kg	3200kg3100kg
Rated Capacity Limiter (RCL)		Duty 01		
Load Chart Reference Number				
Rated Load - Boom Fully Extended	OK		RCI	Measured
			Radius, m	9.90m10.00m
			Load, kg	2900kg2490kg
Rated Load in Stability	OK		RCI	Measured
			Radius, m	9.90m10.00m
			Load, kg	2900kg2490kg
Line Pull Test	OK		RCI	Measured
			Load, kg	4400kg4085kg
Winch Brake Test	OK		RCI	Measured
			Load, kg	4400kg4085kg
Overload Warning Lights and Alarms	OK		Rated Capacity Limiter Fitted (Overload Limiter)	OK

Crack Inspection

No Cracks DetectedOK

none seen

Any third party testing is not included in the CraneSafe NATA accreditation.

Manufacturer Additional

N/A

Site Requirements

N/A



Crane



Serial Number



Model



Kilometers

Assessment



Log Book



Maintenance Records

Boom and Attachments



Base Section



Base Section



Base Section



Description



Manufacturer's Identification



Description



Manufacturer's Identification



No. 2 Section





Lock Valve(s)



Correct Assembly and  
Connection of Hoist Rope  
Socket



Description



Manufacturer's Identification

## Frame and Cabin



Seat and Assembly including  
Seat Belts



Seat and Assembly including  
Seat Belts



Lift Cylinder Pins



Lift Cylinder Pins



Lift Cylinder Pins



Lift Cylinder Pins



Heater



Air Conditioner



Windscreen Wiper / Washer



Filter and Housing



Fan / Fan Shaft Assembly



Engine Mounts



Engine Mounts



Exhaust Brake





**Steering Components - Lugs / Pins etc**



**Steering Components - Lugs / Pins etc**



**Front Brake(s)**



**Front Brake(s)**



**Steering Components - Lugs / Pins etc**



**Steering Components - Lugs / Pins etc**



**Front Wheels and Tyres**



**Front Wheels and Tyres**



Front Wheels and Tyres



Front Wheels and Tyres



Rear Wheels and Tyres



Rear Wheels and Tyres



Rear Wheels and Tyres



Rear Wheels and Tyres



Articulation Joint



Front Axle(s)



Front Axle(s)

## Hydraulic System



Emergency Steering Pump



Emergency Steering Pump





Brake Chambers



Brake Chambers



Air Cylinders



Air Cylinders



Brake Chambers



Brake Chambers



Brake Valves



Back-up Alarm



Stop Lights



Clearance Lights



Winch Attachment, Pins / Bolts



Winch Attachment, Pins / Bolts



Winch Attachment, Pins / Bolts



Winch Attachment, Pins / Bolts



Brake Operation



Wire Rope



Wire Rope



Wire Rope





Load Chart Reference Number



Printed Chart - No Load



Rated Load - Boom Fully Extended



Rated Load - Boom Fully Extended



Rated Load - Boom Fully Extended



Line Pull Test



Line Pull Test



Line Pull Test



# ARTICULATED MOBILE CRANE CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: WA188730 CraneSafe Assessment Number: AC A 188730-14



**CraneSafe®**

Div of The Crane Industry Council of Australia  
ABN 73 002 565 773

PO Box 136  
MOUNT WAVERLEY VIC 3149  
Phone: +61 (03) 9501 0078  
Email: assessments@cranesafe.com.au

Inspection Date: 2024-05-07  
Renewal Date: 04/06/2025  
Issued Date: 07/05/2024

#### COMPANY

**Rogers Crane Hire**  
ABN 62 177 278 917  
111 Fruit Tree Crescent FORRESTFIELD WA  
6058

#### REPRESENTATIVE

**Mr Roger Moore** Phone: 0467 300 961  
Email: rogerscranehire@gmail.com



## Franna AT-20

LOWER HOURS  
**19200**

SERIAL NUMBER  
**4296**

YEAR OF MANUFACTURE  
**2009**

#### ASSESSED BY

**Paul Walker**  
Reg No: WA1103  
Phone: 0488 995 755  
Email: pwalkertis@bigpond.com

#### COMPANY

**Training & Inspection Services**  
22 Clydesdale Road MANDURAH  
WA 6210

This certificate is confirmation that the crane has undergone an annual inspection to the appropriate standard and is considered safe for continued operation at time of inspection.

Paul Walker

## Inspection

Inspection in Accordance With

☒ AS2550.1 & AS2550.5 ☐ EN (FEM&ISO) ☐ JIS ☐ Codes of Practice ☒ Manufacturer's Instructions.

Comments



# ARTICULATED MOBILE CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: WA188730 CraneSafe Assessment Number: AC A 188730-14



**CraneSafe®**

Div of The Crane Industry Council of Australia  
ABN 73 002 565 773

PO Box 136  
MOUNT WAVERLEY VIC 3149  
Phone: +61 (03) 9501 0078  
Email: assessments@cranesafe.com.au

Inspection Date: 2024-05-07

Renewal Date: 04/06/2025

Issued Date: 07/05/2024

## Franna AT-20

**LOWER HOURS**  
**19200**

**SERIAL NUMBER**  
**4296**

**YEAR OF MANUFACTURE**  
**2009**

### COMPANY

**Rogers Crane Hire**

ABN 62 177 278 917

111 Fruit Tree Crescent FORRESTFIELD WA  
6058

### REPRESENTATIVE

**Mr Roger Moore Phone:** 0467 300 961

**Email:** rogerscranehire@gmail.com

### RATED CAPACITY INDICATOR (RCI)

**Load Chart Reference Number Duty 01**

#### PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	36.00	35.90
Boom Length, m	13.85	13.80
Radius, m	9.00	9.10
Load, kg	3,200.00	3,100.00

### ASSESSED BY

**Paul Walker**

**Reg No:** WA1103

**Phone:** 0488 995 755

**Email:** pwalkertis@bigpond.com

### COMPANY

**Training & Inspection Services**

22 Clydesdale Road MANDURAH  
WA 6210

### RATED CAPACITY LIMITER (RCL)

**Load Chart Reference Number Duty 01**

#### RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	9.90	10.00
Load, kg	2,900.00	2,490.00

#### RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	9.90	10.00
Load, kg	2,900.00	2,490.00

#### LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	4,400.00	4,085.00

#### WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	4,400.00	4,085.00

At the time of test, the load indicator was  
reading in accordance with the requirements of  
AS1418.1 & AS1418.5 and the load charts  
supplied with the crane

**Paul Walker**

Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

© The Crane Industry Council of Australia 2024

All CraneSafe forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.



Load Chart Reference Number



Printed Chart - No Load



Rated Load - Boom Fully Extended



Rated Load - Boom Fully Extended



Rated Load - Boom Fully Extended



Line Pull Test



Line Pull Test



Line Pull Test

