

PRODUCT ADVISORY	EAF PA 13 011-01
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THIS PRODUCT ADVISORY PROVIDES INFORMATION RELATED TO PRODUCT USE, MAINTENANCE, INSPECTIONS, AND UPDATES AVAILABLE FOR OUR PRODUCTS.

SUBJECT:	Franna Replacement Tyre Load Ratings
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DATE OF RELEASE:	August 16, 2013	VERSION:	MODIFICATION:
		01	Creation of Bulletin

MODEL(S) AFFECTED:	<p>Specifications to suit the following crane models:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;">4WD-10</td> <td style="padding: 5px;">4WD-16</td> <td style="padding: 5px;">MAC-12</td> <td style="padding: 5px;">UC-10</td> </tr> <tr> <td style="padding: 5px;">4WD-12</td> <td style="padding: 5px;">AT-18</td> <td style="padding: 5px;">MAC-14</td> <td style="padding: 5px;">UC-15</td> </tr> <tr> <td style="padding: 5px;">AT-14</td> <td style="padding: 5px;">AT-20</td> <td style="padding: 5px;">MAC-25</td> <td></td> </tr> <tr> <td style="padding: 5px;">AT-15</td> <td></td> <td></td> <td></td> </tr> </table>	4WD-10	4WD-16	MAC-12	UC-10	4WD-12	AT-18	MAC-14	UC-15	AT-14	AT-20	MAC-25		AT-15			
4WD-10	4WD-16	MAC-12	UC-10														
4WD-12	AT-18	MAC-14	UC-15														
AT-14	AT-20	MAC-25															
AT-15																	

ISSUE:	<p>Due to the extreme tyre loads experienced in our cranes during pick and carry lifting operations, we only use and recommend fitment of tyres from manufacturers whom have issued written approval for our specified load rating requirements at creep and highway speeds.</p> <p>Fitment of tyres that do not meet our specifications may result in tyre blowouts causing serious injury or death.</p>
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BACKGROUND:	<p>It has been found that many customers are not aware of Terex's tyre specification requirements, and that some customers are fitting tyres that do not meet our specifications and may be unsafe.</p>
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For enquiries or comments about this notice, please contact:

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ACTION:

Due to their “pick and carry” operation and fast travelling speeds, Terex Franna cranes have strict tyre requirements to maintain safety for the operator, nearby people and the crane itself.

Crane owners, operators and maintainers must ensure that the tyres fitted to their Franna cranes meet both the **creep** and **highway** speed load rating requirements, detailed in the tables below.

Highway load and speed rating are usually marked on the sidewall of the tyre. However, these can be overridden with tyre manufacturer approval.

Highway Speed Load Rating Requirements

Model	Tyre Size	Highway Rating (dual fitment)		Highway Pressures	
		Load (kg per tyre)	Speed (km/h)	Front (psi)	Rear (psi)
4WD-10	11.00 x 20	2,500	90	115	90
4WD-12	11.00 x 20	2,500	90	115	90
AT-14	11.00 x 20	2,500	90	115	90
AT-15	11.00 x 20	2,625	90	120	100
4WD-16	12.00 x 20	3,000	90	120	90
AT-18	12.00 x 20	3,000	90	120	90
AT-20	12.00 x 20	3,000	90	120	100
MAC-12	11.00 x 20	2,500	60	115	90
MAC-14	11.00 x 20	2,500	60	115	90
MAC-25	14.00 x 20	3,050	80	120	90
UC-10	10.00 x 20 <i>(front fitment)</i>	2,725	40	115	-
	14.00 x 24 <i>(single, rear fitment)</i>	3,500	40	-	50
UC-15	11.00 x 20	2,625	60	115	90

Please note, the information provided in this Service Advisory may conflict with the load chart in your crane. This Service Advisory is based on the most recent information, and supersedes load chart information for all cranes manufactured prior to the date of publication.

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Creep speed load ratings are **not** marked on tyres. Terex seeks written manufacturer approval to ensure tyres can achieve the required loads safely.

Creep Speed Load Rating Requirements

Model	Tyre Size	Creep Rating <i>(dual fitment)</i>		Creep Pressures	
		Load (kg per tyre)	Speed (km/h)	Front (psi)	Rear (psi)
4WD-10	11.00 x 20	5,720	<1.44	115	90
4WD-12	11.00 x 20	6,150	<1.44	115	90
AT-14	11.00 x 20	6,780	<1.44	115	90
AT-15	11.00 x 20	7,100	<1.44	120	100
4WD-16	12.00 x 20	8,360	<1.44	120	100
AT-18	12.00 x 20	8,680	<1.44	120	100
AT-20	12.00 x 20	8,680	<1.44	120	100
MAC-12	11.00 x 20	6,130	<1.44	115	90
MAC-14	11.00 x 20	6,750	<1.44	115	90
MAC-25	14.00 x 20	10,500	<1.44	120	90
UC-10	10.00 x 20 <i>(front fitment)</i>	4,450	<1.44	115	-
UC-15	11.00 x 20	7,100	<1.44	115	90

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If purchasing tyres other than those available through Terex Spare Parts, it is the responsibility of the crane owner to ensure that they meet or exceed the manufacturer's recommendations clearly set out above. It is not Terex's responsibility to approve the use of specific tyres.

Terex Spare Parts only sells tyres that have a **manufacturer's written approval** for both creep speed and highway speed load rating requirements.

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