

TECHNICAL SPECIFICATION

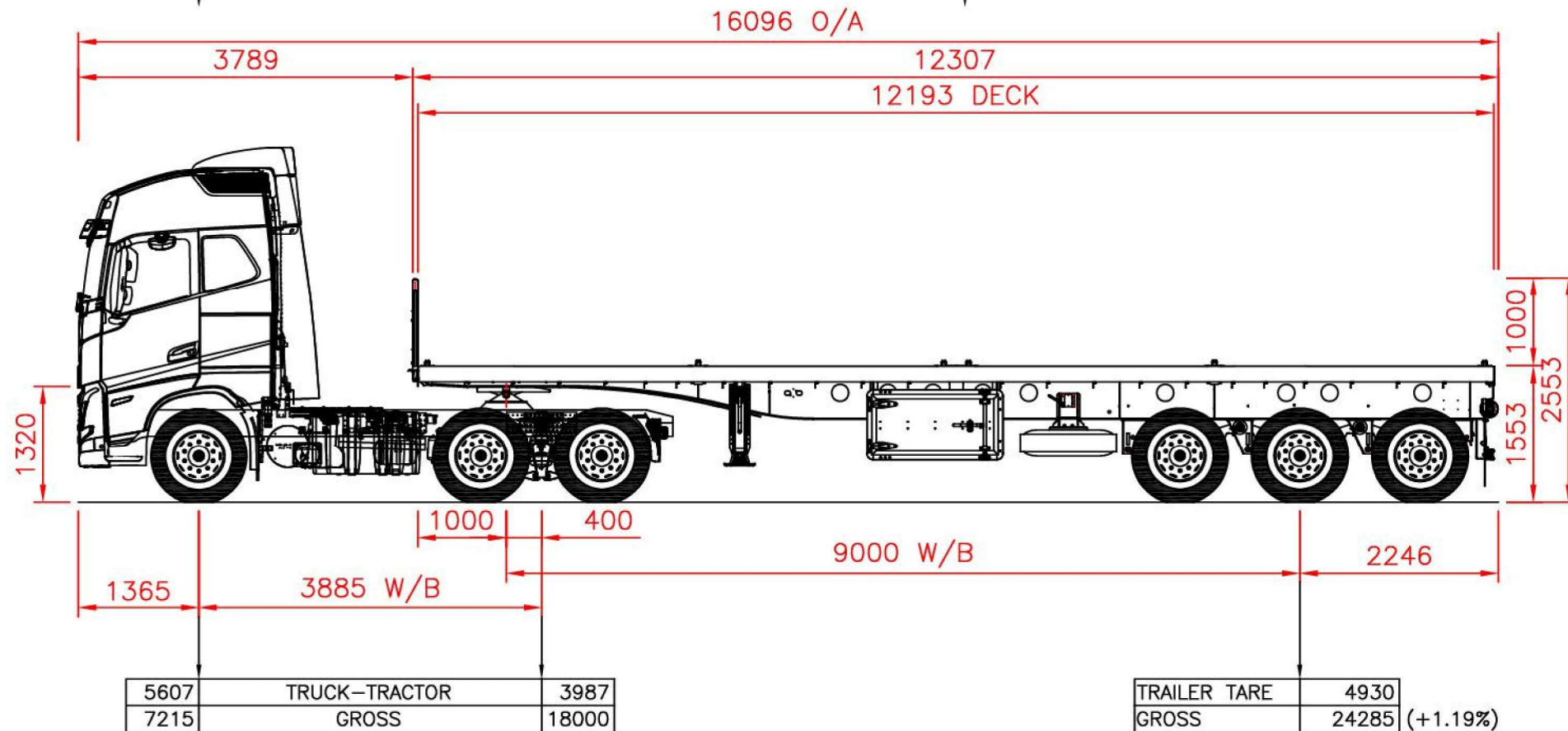
Date: 13/01/26		AFRIT		Ref. No.	104JBN112
Client		WESTERN TRADING POST		Offer Ref.	jbn914n
Vehicle Description		AFRIT 12.2m TRIDEM AXLE F21 FLATDECK SEMI TRAILER			
Payload Capacity		33 000kg (Design)			
Cargo Description		Palletized Goods ; 6m & 12m ISO Containers ; 24 Ton Central mount Container			
Dimensions		Deck width 2.49m			
Hauling Vehicle		6 x 4 Truck-Tractor			
Road Profile		90% Good tar roads @ 80km/h maximum; 10% Good secondary roads @50km/h maximum			
General Arrangement Drawing		D104-479D			
Item	DESCRIPTION		SUPPLIER	QTY	RELATED INFO
1.	TYRES - 315/80R22.5 AG168 O'GREEN		ATT	13	1 Spare wheel included
2.	WHEELS - 9.00 x 22.5 OFF-SET - STEEL			13	
3.	SUSPENSION - AO LEAFSPRING TRA		AFRIT	1 Set	
4.	AXLES - ROUND 127mm HOLLOW - PROPAR			3	
5.	KINGPIN - 50mm FLANGED			1	
6.	LANDING LEGS			1 Set	
7.	BRAKE SYSTEM - TWIN LINE WITH ABS - 24 VOLT		AFRIT	1 Set	SANS 20013 - Note 1
8.	LOAD LOCKS - AT 1.0m CENTRES			12	9m Straps
9.	CONTAINER LOCKS			12	3-off 6m - 1-off 12m ISO Containers
10.	DECK DETAILS – 2.5mm HIGH TENSTILE GRADE 700 STEEL			1	
11.	RAVE RAIL - 178mm x 54mm CHANNEL			2	
12.	CORNER PLATE CARRIER - 2m LENGTH			1	
13.	HEADBOARD - 1.0m HIGH			1	Fold - down
14.	SPARE WHEEL CARRIER - CLAMP ON			1	For off-set rim
15.	TARPAULIN BOX – STANDARD STEEL TYPE			1	
16.	TARPAULIN – 9.0m x 8.0m – COLOUR – BLUE			2	
17.	LASHING HOOKS – 16mm DIA AT 0.5m CENTRES				
18.	REAR LIGHTS - SUPER DIODES - 24 VOLT		LED	6	To SABS 1046
19.	LIGHT BOX - TUBE TYPE			1	
20.	SUZY & ELECTRICAL COUPLINGS		AFRIT		Standard
21.	HUBODOMETER		VEPROTECH	1	
22.	FIRE EXTINGUISHER – C/W BRACKETS – CLOSED BOX TYPE		AFRIT	2	2 per trailer
23.	HAZCHEM HOLDERS			3	One on each side & one on the back of each trailer
24.	EXPORT – NAMIBIA			1	eNatis Introduction
25.	TV PLATE			1	
26.					
PAINTING					
- ALL METAL PARTS DE-SCALED & PHOSPHATED TO SANS 10064:2011					
- TWO INTERMEDIATE COATS ETCH PRIMER					
- TWO FINAL COATS POLYURETHANE ACRYLIC					
FINISH			PAINT SPECIFICATION		COLOUR
- WHEELS			POLYURETHANE ACRYLIC		WHEEL SILVER
- CHASSIS/HUBS			POLYURETHANE ACRYLIC		ACTROS GREY
- BODY			POLYURETHANE ACRYLIC		GLOSS WHITE
GENERAL					
Note	1	Constant Power Cable optional and not included in this offer.			
	2	Lazer Cut Name Plate: AFRIT			

NOTE:

- 5th WHEEL HEIGHT ON TRUCK–TRACTOR
NOT TO EXCEED 1320mm WHEN UNLADEN

TRUCK TARE	9594
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PAYLOAD	33506
TRAILER	6400 (EST)
GROSS	39906



NOTES:

- STEEL RIMS
- 315/80 R22.5 DUAL WHEELS
- AO LEAFSPRING SUSPENSION
- TRUCK AND TRAILER COMBINATION EXCEEDS BRIDGE FORMULA
⊗ AXLE GROUPS A–C BY 4.9% AND B–C BY 4.5%

–FOR INFORMATION ONLY–

BRIDGE FORMULA = [(LENGTH X 2,1) + 18000]

GROUP	DISTANCE	BASIC	ACTUAL	% OVER
AB	4570	27660	25215	-8.8%
AC	13845	47190	49500	4.9%
BC	10645	40470	42285	4.5%

MAX PAYLOAD	33506kg
G.C.M.	49500kg

REVISION			
D	20/06/22	ML/RH	SHEET 2–5 REMOVED, DWG UPDATED (20109)
C	11/04/22	RH/AS	SHEET 5 OF 5 ADDED
B	08/03/21	RH/LJ	SHEET 4 OF 4 ADDED
A	23/04/15	RJR/AS	SHEET 2 AND 3 ADDED
REV	DATE	BY	REVISION DESCRIPTION

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0200
R.S.A

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ALL DIMENSIONS AND MASSES ARE
APPROXIMATE AND LEGAL PAYLOADS
STATED ARE NOT GUARANTEED



COMBINATION TYPE: TRI AXLE SEMI TRAILER

TITLE:
12m TRIDEM AXLE FLAT DECK
SEMI TRAILER ON VOLVO FM12
ON VOLVO FH440 SR HSLP TT 6x4

SCALE:	DRAWN BY:	DATE:	DRAWING No:
1:75	RH/JC	02/05/12	D104–479

SHEET 1 OF 1