



AXLE #1 TIRE SPACING

AXLES #2, #3, & #4 TIRE SPACING

- NOTES:**
- ALL VERTICAL DIMENSIONS ARE WITH LADEN CHASSIS.
 - AUX TRANSMISSION 3rd GEAR NOT FOR HAULING. TO BE USED ONLY WHEN BOB TAILING TRACTOR WITH NOTHING IN TOW.
 - STATED VEHICLE TOP SPEEDS RELATIVE TO GEAR SELECTION ARE COMPUTER LIMITED.
 - AUX TRANSMISSION CAN ONLY BE SHIFTED WITH TRACTOR STATIONARY.
 - GAWR(S) ARE BASED ON EQUIPMENT MECHANICAL LIMITS, NOT STATE SPECIFIC PERMIT RESTRICTIONS.
 - WHERE APPROPRIATE, TIRE AND AXLE DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST INCH FOR USE ON PERMIT TRANSPORT DRAWINGS. ACTUAL DIMENSIONS ARE IN BRACKETS ().

TRACTOR ID	
BIGGE EQUIPMENT No.	PM-11
MODEL YEAR	2016
MANUFACTURER	WESTERN STAR
MODEL	6900XD
VIN	5KJRASBG8GPGM5660
CONFIGURATION	TRIDEM

TECHNICAL SPECIFICATIONS	
GVWR	98,000 LBS.
GCWR	440,000 LBS.
TRACTOR WEIGHT	40,200 LBS.
BALLAST BED (TBB-04) WEIGHT	3,000 LBS.
ENGINE POWER	600 HP w/EXHAUST BRAKE
ENGINE TORQUE	1,850 LB-FT
MAIN TRANS	7 SPEED AUTO w/RETARDER
AUX TRANS	3 SPEED MANUAL
FUEL CAPACITY	300 GALLONS
DIESEL EXHAUST FLUID CAPACITY	23 GALLONS
AIR COMPRESSOR	37.4 CFM
MAX TRAVEL SPEED 7th GEAR MAIN & 1st GEAR AUX/ENGINE RPM	21.7 MPH/1,920 RPM
MAX TRAVEL SPEED 7th GEAR MAIN & 2nd GEAR AUX/ENGINE RPM	54.3 MPH/1,920 RPM
MAX TRAVEL SPEED 7th GEAR MAIN & 3rd GEAR AUX/ENGINE RPM	54.3 MPH/1,652 RPM
FRONT FRAME HITCH RECEIVER DRAW BAR CAPACITY	100,000 LBS. PULL/PUSH*
REAR FRAME HITCH RECEIVER DRAW BAR CAPACITY	150,000 LBS. PULL/PUSH*
BALLAST BED CAPACITY	54,798 LBS.**

*ACTUAL EFFECTIVE DRAWBAR CAPACITY MAY BE LIMITED BY THE INSTALLED HITCH'S CAPACITY. REFER TO THE HITCH MANUFACTURER'S PRODUCT DATA FOR SPECIFIC HITCH DRAWBAR CAPACITY RATING AND USE GUIDELINES.
**BALLAST COUNTERWEIGHT CG MUST BE LOCATED AT AXLE #3 CENTERLINE.



0	FOR INFORMATION	2/11/2019	MWJ	4/11/2019	VLH	4/11/2019	VLH
NO.	REVISIONS	DATE	BY	DATE	BY	DATE	BY
		DRAWN	CHECKED	APPROVAL			

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Established 1916
BIGGE
CRANE and RIGGING CO.

PM-11 WESTERN STAR 6900XD TRIDEM (4 AXLE)
EQUIPMENT DATA SHEET

SCALE: (U.N.O.)	SIZE	PROJECT No.	DWG. No.	SHEET	REV.
1/4" = 1'-0"	B		DS-PM-11	1 of 1	0