



AXLE #1 TIRE SPACING

AXLES #2, & #3 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 INDICATED IN BRACKETS ( ).

TRACTOR ID	
BIGGE EQUIPMENT No.	PM-12
MODEL YEAR	2016
MANUFACTURER	WESTERN STAR
MODEL	6900XD
VIN	5KJASBG7GPGM5761
CONFIGURATION	TANDEM

TECHNICAL SPECIFICATIONS	
GVWR	72,000 LBS.
GCWR	330,000 LBS.
TRACTOR WEIGHT	35,300 LBS.
BALLAST BED (TBB-03) WEIGHT	2,600 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	33,620 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 COUNTER WEIGHT CG MUST BE LOCATED BETWEEN AXLE LINES #2 & #3.



0	FOR INFORMATION	2/14/2019	MWJ	4/11/2019	VLH	4/11/2019	VLH
NO.	REVISIONS	DATE	BY	DATE	BY	DATE	BY
		DRAWN	CHECKED	APPROVAL			

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**BIGGE** CRANE and RIGGING CO.  
Established 1916  
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PM-12 WESTERN STAR 6900XD TANDEM (3 AXLE)  
EQUIPMENT DATA SHEET

SCALE: (U.N.O.) 1/4" = 1'-0"	SIZE B	PROJECT No.	DWG. No. DS-PM-12	SHEET 1 of 1	REV. 0
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