TRUCK MOUNTING

TECHNICAL SPECIFICATIONS





Invest in Quality®



A WIDE SELECTION OF TRUCK MOUNT MACHINES



As the worldwide leader in spreading and mixing technology, Kuhn North America offers a complete line of 27 models of mixers and spreaders for truck mounting. Spreaders available for truck mounting include ProTwin® Slinger® side-discharge spreaders and the ProSpread® Commercial apron box spreaders, ranging in capacity from 600 cubic feet up to 1,000 cubic feet. TMR mixers available for truck mounting include Vertical Maxx® twin-auger and triple-auger models, Reel Auggie®, Reel Commercial and Botec® fourauger models, ranging in capacity from 200 to 1,320 cubic feet. Two delivery box models, the PF 1130 & 1145, are also available and have capacities ranging from 1,000 - 1,450 cubic feet. For proper operation, it is crucial that each of these machines is paired to the proper truck. This will allow each mixer and spreader to meet our high standards for quality performance and long life.



CHOOSING THE PROPER DRIVETRAIN



POWER BY THE NUMBERS



MANUAL TRANSMISSION

Most manual transmissions offer one or two gears that are low enough to achieve proper ground speed saving the expense of an additional gear reduction. A downside to a manual transmission, however, is that the PTO disengages when the clutch is depressed. This restricts PTO use to operations where the transmission will not be shifted.



AUTOMATED MANUAL TRANSMISSION

An automated manual transmission combines the ease of use of a fully automatic with the lower gearing of a manual transmission. These transmissions generally are more expensive, however the cost savings for not having to add an auxiliary transmission can make them competitively priced.



AUTOMATIC TRANSMISSION

Automatic transmissions eliminate the need to manually shift gears providing more user-friendly operation. Due to the size, weight and use of truck-mounted machines, automatic transmissions may require modifications such an additional gear reduction to operate at an acceptable speed for unloading.



OPTIONAL AUXILIARY TRANSMISSION

An additional auxiliary transmission can be paired with any transmission to further reduce gearing and ground speed. This gearbox can be supplied in ratios of 2:1, 3.25:1, 4:1, 5:1 to provide ultra-low ground speeds that are preferred for many truck mount applications. The auxiliary transmission does disengage to allow the truck to operate at road speeds when necessary.



REAR DIFFERENTIAL GEARING

When selecting a truck to mount a mixer or spreader we recommend the lowest rear end gearing available. This improves functionality by reducing ground speed and may open up options for other higher geared transmissions.



OVERALL REDUCTION CALCULATION

[First Gear Ratio] × [Auxiliary Low Range Ratio] × [Rear End Ratio]

Example: 3500 RDS Allison Transmission

First Gear: 4.59

Auxiliary Low Range Ratio: 3.25:1

Rear Axle Ratio: 5.38

4.59 x 3.25 x 5.38 = 80.3 Overall Reduction

Greater reduction may be required in certain applications to reach even lower ground speeds.

GROUND SPEED CALCULATION

[Engine RPM] ÷ [Overall Reduction] x [60] ÷ [Tire Revolutions/Mile]

Example:

Mechanical Drive: 1750 rpm Hydrostatic Drive: 2000 rpm Overall Reduction: 80.3

Multiplier to convert RPM to mph: 60

Tire Revolutions/Mile: 496 (based on 11R 22.5 tire)

Mechanical Drive:

 $(1750 \div 80.3) \times (60 \div 496) = 2.6 \text{ mph}$

Hydrostatic Drive:

 $(2000 \div 80.3) \times (60 \div 496) = 3.0 \text{ mph}$

Without the 3.25:1 auxiliary transmission, this truck would have a ground speed of 8.6 mph at 1750 RPM or 9.8 mph at 2000 RPM.

MINIMUM RECOMMENDATIONS

Machine	Ground Speed	1st Gear Ratio	Rear Axle Ratio	Overall Reduction		
Mixers	2-3 mph	8:1	7:1	60:1-100:1*		
Spreaders	3-6 mph	8:1	6:1	50:1		

^{*} Requirements may vary based on your feeding operation.

4

DRIVE SELECTION FOR MAXIMUM PERFORMANCE



OPTIMIZING TRUCK CHASSIS SETUP



MECHANICAL DRIVE

Because mechanical-driven machines receive their power from the transmission, it's important that the transmission selected has the capacity to operate the PTO at the proper torque, speed, and direction of rotation. Mechanical drive systems cost less and have a number of different driveline options but are slightly less versatile than hydrostatic drives. They also cannot handle the startup torque of some of the largest KUHN Knight mixers and spreaders.



HYDROSTATIC DRIVE

an engine PTO accessory in either the front (FEPTO) or rear (REPTO). The truck must also have bucket seats as opposed to bench seats to allow pump powered by a FEPTO will require a truck with an extended front bumper, which may be done after-market or ordered stock from the truck manufacturer.



SELECTING THE RIGHT PTO

To properly order the correct PTO for a mechanical drive, it is important to know the make and model of your transmission as well as the number of transmission speeds. It is also helpful to know the year, make, model and engine of the truck.

DRIVELINE ANGLE

The driveline angle is critical for both mechanical and hydrostatic drive options. An improper angle may result in poor operation and decreased component life. We recommend a driveline angle in the range of 1-8 degrees for best performance.



When incorporating a hydrostatic drive, the truck must be equipped with room for the control pedestal. Hydrostatic drives are more versatile with the mixer speed independent of the ground speed. A front-mounted hydrostatic



WHEELBASE MODIFICATION

FRAME MODIFICATION

To optimize weight distribution and achieve proper driveline clearance it may be necessary to adjust axle position.

Selecting the proper truck frame for mounting a mixer or spreader is critical. For small- to medium-sized models, a single C frame may be sufficient. On

larger units, a double C frame is necessary to ensure proper support. Frame

length is also very important. To ensure a proper fit, the frame may need to

be stretched. When extending the frame, a minimum of three feet overlap

between sections is required to ensure frame integrity.



SUSPENSION MODIFICATION

To meet suspension requirements, modification to the front and/or rear spring packs may be necessary. Even with the upgraded suspension, the axles still must not be loaded beyond their rating. Additional modification may also be necessary for some reel mixers due to the weight and position of the augers.



KNOWING THE RATINGS



GROSS VEHICLE WEIGHT RATING

The maximum weight of a vehicle is specified by the manufacturer as gross vehicle weight rating (GVWR). This measurement refers to the weight of all truck components as well as the load applied. To ensure that your mixer or spreader has proper support, it is important to be mindful of the GVWR when purchasing your truck.

AXLE RATING

The maximum operating weight of each axle of a vehicle is specified by the manufacturer. Be sure to account for all possible uses and applications of your truck before choosing your chassis. It is crucial that you never load an axle beyond the manufacturer's axle rating.

SINGLE AXLE VS. TANDEM AXLE

For smaller, lower weight machines that handle smaller volumes, a single axle chassis is generally recommended. Single axles provide a tighter turning radius and cost less, saving you time and money. Larger units used for heavier loads often require a tandem axle configuration in order to meet the minimum weight requirements. They offer better flotation and sturdy support in these applications.







OUTSTANDING RELIABILITY & PERFORMANCE



FEEDLOT CORE RADIATOR/CHARGE AIR COOLER

This optional radiator and charge air cooler set is built with heavy-duty fins to allow for pressure washing. It is designed for agricultural use with a larger percentage of open space to allow for increased air flow and minimized plugging.



REMOTE A/C CONDENSER

For improved airflow through the radiator and charge air cooler, this air conditioning condenser is relocated to the side of the unit

This also reduces the labor required to clean crucial engine cooling components.



ASSIST AXLE

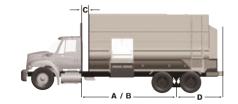
An air loaded assist axle may be required on some larger units. The assist axle may be mounted in front of the tandem axle (pusher) or behind (tag). This axle may be lowered when necessary to meet certain travel regulations, but may also be raised when not needed to improve cornering and save tire wear.

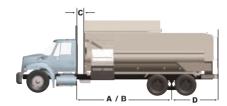


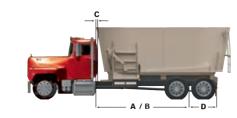
FLOTATION TIRES

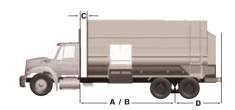
Flotation tires help minimize compaction and maximize traction when hauling even the heaviest loads.

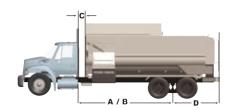
8

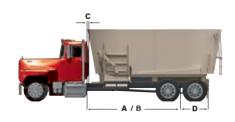












Model Specifications

REEL AUGGIE 3120	AB-TO-AXLE UNIT 1	UNIT	MIN AFTERFRAME ²	AXLE TYPE	MIN GVW	MIN FRAME SEC. MOD ³	FRONT/REAR (1,000 lbs)	MIN ENGINE HP	MIN ENGINE DISPLACEMENT	MIN PTO TORQUE
3120	В	С	D							
3120 103"-109" 3125 103"-109" 3130 119"-125" RA 136 96"-102" RA 142 113"-119" REEL COMMERCIAL RC 250 118"-124" RC 260 138"-144" RC 270 157"-163" RC 295 158"-164" VT 156 Gil SD 128"-134" VT 156 Gil SD 128"-134" VT 156 Gil SD 128"-134" VT 156 Gil FD 154"-158" VT 168 Gil FD 154"-158" VT 168 Gil FD 154"-158" VT/VTC 180 Gil FD 194"-198" VT/VTC 180 Gil FD 194"-198" VT/VTC 1100 Gil FD 194"-198" VT/VTC 1100 Gil FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 141 205"-208" SLC 141 205"-208" SLC 141 205"-208"										
STATE STAT	_	11"-17"	42"	Single	25,000 lbs	12.5 in ³	10/15	180 hp	6 L	200 ft. lbs.
RA 136 RA 142 REEL COMMERCIAL RC 250 RC 250 RC 250 RC 260 RC 260 RC 260 RC 270 RC 295 RC 296 RC 296 RC 297 RC 295 RC 295 RC 296 RC 295 RC 296 RC 296 RC 296 RC 297 RC 296 RC 297 RC 295 RC 296 RC 296 RC 297 RC 296 RC 296 RC 296 RC 297 RC 296	_	11"-17"	42"	Single	25,000 lbs	12.5 in ³	10/15	180 hp	6 L	200 ft. lbs.
RA 142 REEL COMMERCIAL RC 250 RC 260 RC 260 RC 260 RC 295 RC 295 RC 295 RC 295 RC 295 RC 112"-120" RT 144" RC 270 RT 157"-163" RC 295 RC 296 RC 297 RC 295 RC 296 RT 157"-163" RC 295 RT 155 RT 190 RT 155 RT 172 RT 150"-156" RT 172 RT 150"-156" RT 190 RT 172 RT 150"-156" RT 190 RT 174"-153" VERTICAL MAXX - Front Discharge (FD) - Side Discharge (SVT 144 GII SD	_	11"-17"	50"	Single	25,000 lbs	12.5 in ³	10/15	180 hp	6 L	200 ft. lbs.
REEL COMMERCIAL RC 250 RC 260 138"-144" RC 260 138"-144" RC 270 RC 295 RC 295 BOTEC 4136 112"-120" 4142 112"-120" BTC 155 BTC 155 BTC 163 BTC 172 BTC 150"-156" BTC 190 VERTICAL MAXX - Front Discharge (FD) - Side Discharge (S VT 144 GII SD 128"-134" VT 156 GII SD 128"-134" VT 156 GII SD 128"-134" VT 168 GII FD 154"-158" VT/VTC 180 GII FD 154"-158" VT/VTC 180 GII FD 194"-198" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1145 (50K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 SLC 132 SLC 141 COMMERCIAL PROSPREAD PSC 161 I54"-168"	_	9"-15"	56"	Single	27,500 lbs	12.5 in ³	10/17.5	180 hp	6 L	250 ft. lbs.
RC 250	_	9"-15"	56"	Single	36,000 lbs	12.5 in ³	12/24	210 hp	6 L	250 ft. lbs.
RC 260				,		· ·			'	'
RC 260	130"-136"	9"-15"	56"	Single	45,000 lbs	17 in ³	12/33	250 hp	8 L	300 ft. lbs.
RC 270	150"-156"	9"-15"	66"	Single	48,000 lbs	17 in ³	12/36	300 hp	8 L	300 ft. lbs.
BOTEC 4136	150"-156"	_	66"	Tandem	51,000 lbs	17 in ³	14/37	300 hp	8 L	300 ft. lbs.
BOTEC 4136	169"-175"	_	84"	Tandem	56,000 lbs	17 in ³	14/42	330 hp	9 L	300 ft. lbs.
4136	169"-175"	_	90"	Tandem	64,000 lbs	23 in ³	18/46	330 hp	9 L	Hydrostatic
4136				'		· ·			,	'
BTC 155	_	13"-24"	62"	Single	27,500 lbs	12.5 in ³	10/17.5	180 hp	6 L	180 ft. lbs.
BTC 163 BTC 172 BTC 190 VERTICAL MAXX - Front Discharge (FD) - Side Discharge (S VT 144 Gil SD 109"-113" VT 156 Gil SD 128"-134" VT 156 Gil SD 128"-134" VT 156 Gil SD 128"-134" VT 168 Gil SD 128"-134" VT 168 Gil SD 128"-134" VT 168 Gil SD 158"-164" VT/VTC 180 Gil SD 158"-164" VT/VTC 180 Gil SD 158"-164" VT/VTC 1100 Gil SD 158"-164" VT/VTC 1100 Gil FD 194"-198" VTC 1120 Gil FD 194"-198" VTC 1120 Gil FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 190"-196" SLC 132 165"-171" SLC 141 205"-208" SLC 141 205"-208" SLC 141 205"-208" SLC 161 164"-168"	_	13"-24"	62"	Single	36,500 lbs	12.5 in ³	12/24	210 hp	6 L	180 ft. lbs.
BTC 172 BTC 190 VERTICAL MAXX - Front Discharge (FD) - Side Discharge (S VT 144 GII SD VT 156 GII SD VT 168 GII SD VT 168 GII SD VT 168 GII SD VT/VTC 180 GII SD VT/VTC 180 GII SD VT/VTC 180 GII SD VT/VTC 1100 GII SD VT/VTC 1100 GII SD VT/VTC 1100 GII FD VT/VTC 1120 GII SD VT 158"-164" VTC 1120 GII SD PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) PF 1130 (45K Max Net Load) PF 1145 (40K Max Net Load) PF 1145 (50K Max Net Load) PROTWIN SLINGER SLC 132 SLC 132 SLC 132 SLC 141 SLC 141 COMMERCIAL PROSPREAD PSC 161 I09"-186" 109"-168" 109"-168" 109"-168"	145"-151"	13"-24"	70"	Single	49,000 lbs	17 in ³	12/37	250 hp	7 L	250 ft. lbs.
BTC 190	160"-166"	20"	76"	Tandem	58,000 lbs	17 in ³	16/42	300 hp	8 L	300 ft. lbs.
VERTICAL MAXX - Front Discharge (FD) - Side Discharge (S VT 144 GII SD	160"-166"	20"	76"	Tandem	62,000 lbs	17 in ³	16/46	330 hp	9 L	300 ft. lbs.
VT 144 GII SD 109"-113" VT 156 GII SD 128"-134" VT 156 GII SD 128"-134" VT 156 GII FD 154"-158" VT 168 GII SD 128"-134" VT 168 GII SD 128"-134" VT 17 168 GII SD 158"-164" VT/VTC 180 GII SD 158"-164" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII SD 158"-164" VT/VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 150"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	163"	20"	80"	Tandem	70,000 lbs	23 in ³	18/52	330 hp	9 L	Hydrostatic
VT 144 GII SD 109"-113" VT 156 GII SD 128"-134" VT 156 GII SD 128"-134" VT 156 GII FD 154"-158" VT 168 GII SD 128"-134" VT 168 GII SD 128"-134" VT 17 168 GII SD 158"-164" VT/VTC 180 GII SD 158"-164" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII SD 158"-164" VT/VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 150"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	e (SD)			'					,	'
VT 156 GII SD VT 156 GII FD VT 168 GII SD VT 168 GII SD VT 168 GII FD VT 168 GII FD VT/VTC 180 GII SD VT/VTC 180 GII SD VT/VTC 180 GII FD VT/VTC 1100 GII SD VT/VTC 1100 GII SD VT/VTC 1120 GII SD VT/VTC 1120 GII FD VT 1120 GII FD PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) PF 1130 (45K Max Net Load) PF 1130 (50K Max Net Load) PF 1145 (40K Max Net Load) PF 1145 (50K Max Net Load) PROTWIN SLINGER SLC 132 SLC 132 SLC 132 SLC 141 SLC 141 SLC 141 COMMERCIAL PROSPREAD PSC 161 PSC 161 154"-158" 128"-134" 128"-134" 128"-134" 128"-134" 129"-198" 144"-178" 154"-178" 156"-171" 156"-171" 151"-163" 151"-163" 152"-208" 151"-214" 154"-168"	_	-	60"	Single	42,000 lbs	12.5 in ³	12/30	250 hp	7 L	300 ft. lbs.
VT 156 GII FD VT 168 GII SD VT 168 GII SD VT 168 GII FD VT/VTC 180 GII SD VT/VTC 180 GII SD VT/VTC 180 GII FD VT/VTC 1100 GII SD VT/VTC 1100 GII SD VT/VTC 1120 GII SD VT/VTC 1120 GII FD VT 1120 GII FD PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) PF 1130 (45K Max Net Load) PF 1130 (50K Max Net Load) PF 1145 (40K Max Net Load) PF 1145 (50K Max Net Load) PROTWIN SLINGER SLC 132 SLC 132 SLC 132 SLC 141 SLC 141 SLC 141 COMMERCIAL PROSPREAD PSC 161 154"-158" 194"-158" 194"-198" 194"-198" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-178" 194"-19	128"-134"	_	72"	Single	51,000 lbs	17 in ³	14/37	300 hp	8 L	400 ft. lbs.
VT 168 GII SD VT 168 GII FD VT 168 GII FD VT/VTC 180 GII SD VT/VTC 180 GII FD VT/VTC 1100 GII SD VT/VTC 1100 GII SD VT/VTC 1100 GII FD VT/VTC 1120 GII FD VTC 1120 GII FD PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) PF 1130 (45K Max Net Load) PF 1130 (50K Max Net Load) PF 1145 (40K Max Net Load) PF 1145 (50K Max Net Load) PF 1145 (50K Max Net Load) PROTWIN SLINGER SLC 132 SLC 132 SLC 132 SLC 141 SLC 141 SLC 141 COMMERCIAL PROSPREAD PSC 161 158"-164" 194"-198" 1	128"-134"	_	72"	Tandem	54,000 lbs	17 in ³	14/40	300 hp	8 L	400 ft. lbs.
VT 168 GII FD 154"-158" VT/VTC 180 GII SD 158"-164" VT/VTC 180 GII FD 194"-198" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 150"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	173"-177"	_	72"	Tandem	54,000 lbs	17 in ³	14/40	300 hp	8 L	400 ft. lbs.
VT 168 GII FD 154"-158" VT/VTC 180 GII SD 158"-164" VT/VTC 180 GII FD 194"-198" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	128"-134"	_	72"	Tandem	54,000 lbs	17 in ³	14/40	300 hp	9 L	400 ft. lbs.
VT/VTC 180 GII SD 158"-164" VT/VTC 180 GII FD 194"-198" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	173"–177"	_	72"	Tandem	54,000 lbs	17 in ³	14/40	300 hp	9 L	400 ft. lbs.
VT/VTC 180 GII FD 194"-198" VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	160"-164"	_	72"	Tandem	64,000 lbs	23 in ³	18/46	325 hp	10 L	Hydrostatic
VT/VTC 1100 GII SD 158"-164" VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 150"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 COMMERCIAL PROSPREAD PSC 161 164"-168"	213"-217"	_	72"	Tandem	62,000 lbs	23 in ³	16/46	325 hp	10 L	Hydrostatic
VT/VTC 1100 GII FD 194"-198" VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 192"-196" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER 157"-163" SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161	160"-164"	_	72"	Tandem	72,000 lbs	23 in ³	20/52	375 hp	12 L	Hydrostatic
VTC 1120 GII SD 158"-164" VTC 1120 GII FD 194"-198" PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 190"-196" SLC 132 105"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	213"-217"	_	72"	Tandem	72,000 lbs	23 in ³	20/52	375 hp	12 L	Hydrostatic
PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 190"-196" SLC 132 105"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	160"-164"	_	72"	Tandem	79,000 lbs	25 in ³	21/58	400 hp	12 L	Hydrostatic
PROFEED DELIVERY BOX PF 1130 (35K Max Net Load) 174"-178" PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 190"-196" SLC 132 105"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	213"-217"	_	72"	Tandem	79,000 lbs	25 in ³	21/58	400 hp	12 L	Hydrostatic
PF 1130 (45K Max Net Load) 174"-178" PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"										
PF 1130 (50K Max Net Load) 174"-178" PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	193"-197"	19"-22"	80"	Tandem	72,000 lbs	23 in ³	20/52	330	9 L	Hydrostatic
PF 1145 (40K Max Net Load) 192"-196" PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	193"-197"	19"-22"	80"	Tandem	82,000 lbs	27 in ³	21/62	360	12 L	Hydrostatic
PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	193"-197"	19"-22"	80"	Tandem	90,000 lbs	30 in ³	22/68	400	12 L	Hydrostatic
PF 1145 (50K Max Net Load) 192"-196" PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	211"-215"	19"-22"	80"	Tandem-Pusher	80,000 lbs	27 in ³	22/52/12	360	12 L	Hydrostatic
PROTWIN SLINGER SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	211"-215"	19"-22"	80"	Tandem-Pusher	90,000 lbs	30 in ³	22/58/12	400	12 L	Hydrostatic
SLC 132 157"-163" SLC 132 190"-196" SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"				<u>'</u>	·					
SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	163"-169"	17"-23"	88"	Tandem-Tag	67,000 lbs	17 in ³	20/40/16	325 hp	9 L	300 ft. lbs.
SLC 132 165"-171" SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	196"–202"	17"-23"	52"	Tandem	60,900 lbs	17 in ³	20/46	325 hp	9 L	300 ft. lbs.
SLC 141 207"-210" SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	171"–177"	17"-23"	52"	Tandem	58,000 lbs	17 in ³	14/46	325 hp	9 L	300 ft. lbs.
SLC 141 205"-208" SLC 141 211"-214" COMMERCIAL PROSPREAD 164"-168"	210"-213"	23"–26"	57"	Tandem-Pusher	80,000 lbs	17 in ³	16/46/13	350 hp	9 L	300 ft. lbs.
SLC 141 211"-214" COMMERCIAL PROSPREAD PSC 161 164"-168"	208"-211"	23"–26"	91"	Tandem-Tag-Pusher	86,000 lbs	17 in ³	20/40/13/13	350 hp	9 L	300 ft. lbs.
COMMERCIAL PROSPREAD PSC 161 164"-168"	214"-217"	23"-26"	53"	Tandem	72,000 lbs	17 in ³	20/52	350 hp	9 L	300 ft. lbs.
PSC 161 164"-168"				-	,	·		· · ·		
	_	14"-20"	60"	Tandem	73,000 lbs	25 in ³	18/55	325 hp	10 L	325 ft. lbs.
PSC 161 164"-168"	_	14"-20"	60"	Tandem-Pusher	73,000 lbs	25 in ³	16/46/12	325 hp	10 L	325 ft. lbs.
PSC 171 186"–190"	_	14"-20"	65"	Tandem	76,000 lbs	30 in ³	18/58	375 hp	12 L	350 ft. lbs.
PSC 171 186"–190"	_	14"-20"	65"	Tandem-Pusher	76,000 lbs	30 in ³	16/46/15	375 hp	12 L	350 ft. lbs.
PSC 181 212"–216"	_	14"-20"	65"	Tandem-Pusher	84,000 lbs	40 in ³	16/48/20	425 hp	12 L	350 ft. lbs.
PXL 185 219"–224"	_	18"-20"	50"	Tandem-Pusher	88,000 lbs	40 in ³	20/48/20	425 hp	12 L	350 ft. lbs.
PXL 185 168"–178"	_	14"-20"	99"	Tandem-Tag-Pusher	92,000 lbs	40 in ³	20/40/12/20	425 hp	12 L	350 ft. lbs.
PXL 1100 240"-244"	_	16"-19"	60"	Tandem-Pusher	90,000 lbs	40 in ³	20/50/20	475 hp	12 L	400 ft. lbs.
PXL 1100 247"–263"		18"-22"	43"	Tandem-Pusher-Pusher	104,000 lbs	40 in ³	18/46/20/20	475 hp	12 L	400 ft. lbs.

¹ This information may not apply to tilt cab trucks. A longer cab-to-axle may be required. ² ProTwin afterframes are required only for bumper supports and are non-load bearing for tandem axles without tag. ³ ProTwin afterframes require full strength afterframe for units with tandem and tag axles. ⁴The FRAME SEC. MOD. column refers to the strength of the frame based on 110,000 PSI yield strength.

10

THE RIGHT MACHINE TO MEET YOUR NEEDS

A MIXER OR SPREADER FOR EVERY APPLICATION

With 27 models of mixers and spreaders available for truck mounting, we have the machine to fit your unique situation. Contact your local KUHN Knight dealer to find the right model for you.



1. Side-Discharge Spreaders – 2. Apron Box Spreaders – 3. Vertical Twin-Auger Mixers – 4. Reel Mixers – 5. 4-Auger Mixers – 6. Delivery Boxes

For more information about your nearest KUHN dealer and other KUHN products, visit our website at

www.Kuhn.com



Visit our YouTube channel to watch our latest product videos.

www.Kuhn.com

Your KUHN dealer

KUHN NORTH AMERICA, INC.

Corporate Headquarters 1501 West Seventh Avenue - Brodhead, WI 53520

Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design Trademarks cited in this document may be registered in one or several countries.

Find us on 6 0 y





