UHAND
SILAGE TRANSFER WAGON

ADVANTAGES OF THE SILAGE TRANSFER WAGON

1.High Efficiency

2.Low Energy Consumption

3.Labor Saving

4.High Safety

5.Low Maintenance Costs

6.No Material Loss

CASE STUDY– WUHE FARM

At Wuhe Farm, 600 tons of silage are transported daily. Using 4 traditional trucks, the task takes 9.5 hours (600 T ÷ 8 T ÷ 4 trucks × 30 min per load), requiring 3 truck drivers and 1 loader operator (4 personnel in total).

By contrast, using 2 Silage Transfer Wagons, the same workload is completed in just 4.5 hours (600 T ÷ 22 T ÷ 2 wagons × 20 min per load), with only 1 wagon driver and 1 loader operator (2 personnel in total).

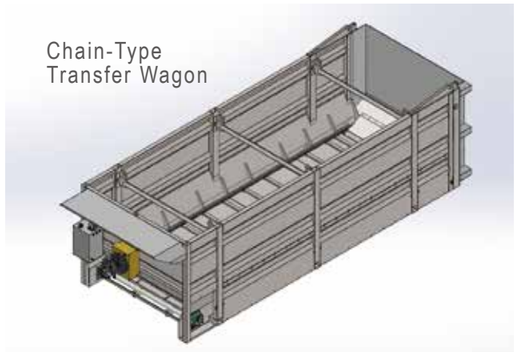
Result: The Silage Transfer Wagons halve both labor and operating time while handling a larger load per trip, greatly improving efficiency and reducing costs.

CHAIN-TYPE TRANSFER WAGON

Model		ZYL-20	ZYL-30	ZYL-35	ZYL-40	ZYL-50
Overall Dimensions (L×W×H)	mm	7300*2600*3000	9000*2600*3350	9500*2600*3350	10000*2800*3450	12500*2800*3550
Effective Volume		20	30	35	40	50
Engine Power	hp	≥160	≥210	≥240	≥260	≥310
Maximum Loading Capacity	kg	6000	10000	10000	12000	15000
Complete Machine Weight	kg	9000	10000	10500	15000	18000
Power Take-off Method		Direct Engine Connection	Direct Engine Connection	Direct Engine Connection	Direct Engine Connection	Direct Engine Connection
Transmission Chain		2	2	2	2	2
Transmission type	No.	Dual-side Hydraulic Motor + Reducer	Dual-side Hydraulic Motor + Reducer	Dual-side Hydraulic Motor + Reducer	Dual-side Hydraulic Motor + Reducer	Dual-side Hydraulic Motor + Reducer
Chain Drive Method		Manual Control	Manual Control	Manual Control	Manual Control	Manual Control

*Product images & specs are for illustrative purposes only. Minor variations (due to production batches or upgrades) may occur, with no impact on core functions. Actual product shall prevail. For inquiries, contact our sales team.

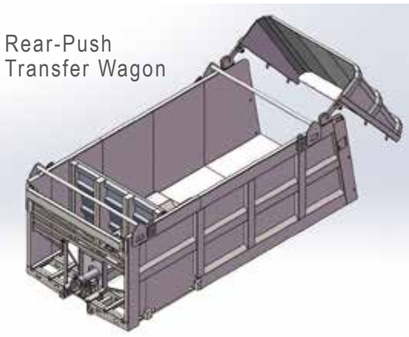
Chain-Type Transfer Wagon



REAR-PUSH TRANSFER WAGON

Model		20	22	30	33	35	40	50
Overall Dimensions (L×W×H)	mm	8400*2700*3250	8400*2700*3400	9500*2800*3600	10500*2800*3600	11000*2850*3600	12000*2850*3850	13500*2900*3750
Equipped Power	hp	≥160	≥160	≥210	≥220	≥240	≥260	≥320
Unloading Method		Hydraulic Push-back Type	Hydraulic Push-back Type	Hydraulic Push-back Type	Hydraulic Push-back Type	Hydraulic Push-back Type	Hydraulic Push-back Type	Hydraulic Push-back Type
Vehicle Speed	km/h	5–80	5–80	5–80	5–80	5–80	5–80	5–80
Maximum Load Capacity	kg	9000	10000	13000	15000	16000	18000	22000
Braking Method		Pneumatic Power-assisted	Pneumatic Power-assisted	Pneumatic Power-assisted	Pneumatic Power-assisted	Pneumatic Power-assisted	Pneumatic Power-assisted	Pneumatic Power-assisted
Discharging Drive Method		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Minimum Discharging Time	min	2	2	3-5	3-5	3-5	3-5	＜8
Unloading Door Control Method		Handle Switch	Handle Switch	Handle Switch	Handle Switch	Handle Switch	Handle Switch	Handle Switch
Imaging System		2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)	2 Channels (Cargo Box Internal View + Rear View)
Feeding Height	mm	3250	3400	3600	3600	3600	3850	3750

Rear-Push Transfer Wagon



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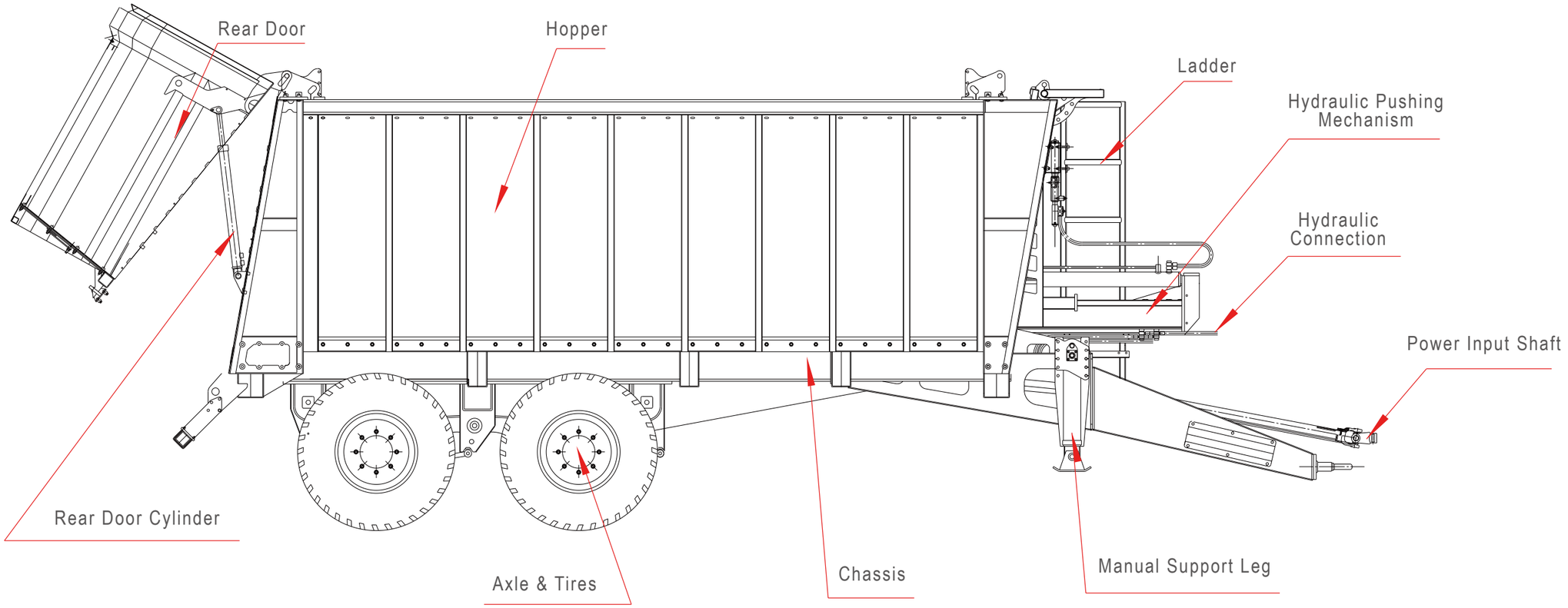
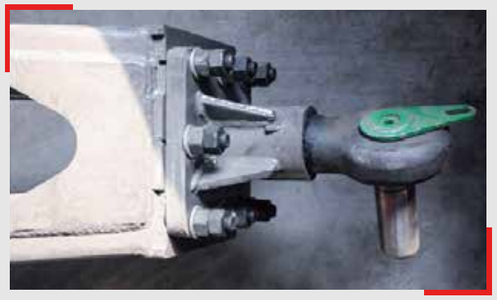


Power Connection
The fertilizer spreader is connected to the tractor via a universal joint drive shaft, providing all the power required for the operation of the spreader.



Drawbar
The drawbar is connected to the tractor's rear hitch using the tractor's built-in hitch pin, allowing secure towing of the fertilizer spreader.

TEST RUN

1.Move the fertilizer spreader, already attached to the tractor, onto a flat area.
2.Engage the tractor's parking brake.
3.Start the tractor and let it idle.
4.Engage the tractor's power take-off (PTO) shaft, operating at 540 rpm.

OPERATING THE MACHINE

1.Move the tractor and attached fertilizer spreader to the field requiring fertilization.
2.Fill the spreader hopper with the appropriate amount of solid fertilizer.
3.Open the rear door, start the auger, and activate the hydraulic cylinder to drive the flow-control gate, pushing fertilizer toward the auger. The auger then spreads the fertilizer across the field.
4.Start the tractor and let it idle for the prescribed time, then engage the PTO output switch at 540 rpm to begin spreading.