

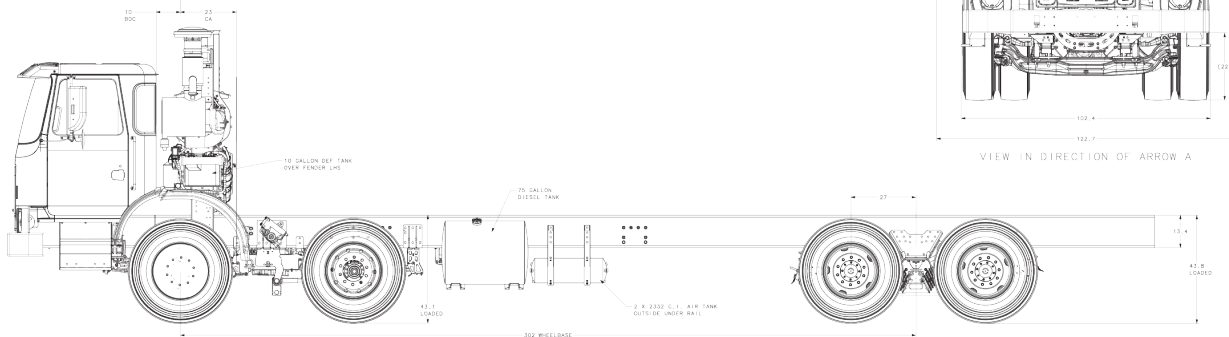
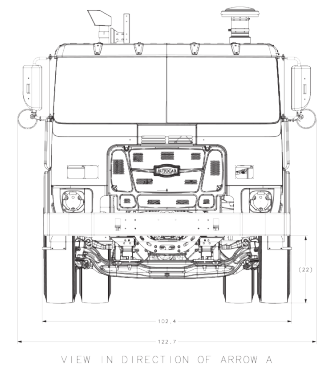
MODELS

	STANDARD	OPTIONAL
Chassis models	ACX84	ACX86
		ACX104
		ACX106
		ACX126

ACX 8X4

Representative ACX Specialty Vehicle Key Specifications. Your truck will be custom-engineered for your application.

ALL DIMENSIONS IN INCHES



ENGINE AND EQUIPMENT

	STANDARD	OPTIONAL
Engine model	Cummins 2021 X12 rated from 380 hp	Cummins 2021 L9 rated from 300 hp to 380 hp Cummins 2021 X12 rated from 380 hp to 500 hp
Exhaust (Diesel)	Horizontally mounted SMA (single module aftertreatment) with RHVE (right hand vertical exhaust)	Horizontally mounted SMA (single module aftertreatment) with LHVE (left hand vertical exhaust)
Air cleaner	15 inch single stage EPG	15 inch single stage with safety element EPG 16 inch 2 stage
Radiator	1300 sq. inch aluminum	
Fan & drive	2-speed fan drive	Variable Speed Fan Clutch, Horton RCV250
Coolant hoses/piping	Silicone hoses with constant tension clamps	
Coolant	Extended life coolant	

CAB GAUGES & INSTRUMENTATION

	STANDARD	OPTIONAL
Instrument panel	Advanced diagnostic 7" display	Gauges and 3" display
Telematics	Autocar Advanced Telematics	

TRANSMISSION AND EQUIPMENT

	STANDARD	OPTIONAL
Transmission model	Allison 4500 RDS	Allison 3000 RDS (not available with X12) Allison 4700 RDS
Transmission gearing	5 speed	6 speed 7 speed
Transmission controls	Allison push button	
Transmission cooler	Remote mounted oil to coolant layered core oil cooler	
Transmission lubricant	TES 295 Allison approved synthetic auto trans fluid	
Driveshaft	Dana Spicer® half-round, yoke size 1760 or 1810 dependent on transmissions and driveline rotational speeds	Dana Spicer® half-round, yoke size 1810 with prep for Split Shaft PTO

FRONT AXLE AND EQUIPMENT

	STANDARD	OPTIONAL
Axle model	Tandem Meritor MFS-20 axles, 40K total capacity	Meritor MFS-20, 20K capacity Tridem Meritor MFS-20 axles, 60K total capacity
Front suspension	Simard 40K equalized tandem parabolic suspension	9,500 lb Low camber flat leaf rated at 20,800 lb capacity Simard 60K equalized tandem parabolic suspension
Front suspension spread	Tandem 72" Axle spacing	Single Axle Tandem 64" Axle spacing Tandem 80" Axle spacing Tandem 90" Axle spacing Tandem 94" Axle spacing Tandem 100" Axle spacing Tridem 70"/70" Axle spacing Tridem 72"/72" Axle spacing Tridem 80"/80" Axle spacing Tridem 80"/90" Axle spacing
Power steering	Sheppard M100PPV3 with assist ram	
Brakes	Meritor 16.5 x 6 QP	Meritor 16.5 x 6 QS Meritor 16.5 x 7 Q Plus

AUXILIARY AXLES

	STANDARD	OPTIONAL
Pusher Axles	No Pusher axle provided	Hendrickson Compositelite EXS steerable, 13,500lbs Hendrickson Compositelite EXF non-steerable, 13,500lbs
Tag Axles	No Tag axle provided	Hendrickson Compositelite EXF steerable, 20,000lbs Hendrickson Compositelite EXS steerable, 13,500lbs Hendrickson Compositelite EXF non-steerable, 13,500lbs Hendrickson Compositelite EXF steerable, 20,000lbs

CHASSIS AND EQUIPMENT

	STANDARD	OPTIONAL
Wheelbase	Available in 3 inch increments between 264 and 360 inch	
Frame	3/8 inch Straight rail i/o liners, 120 kPsi heat treated steel, RBM 5,890,000 lb.in 3/8 inch Straight rail with liners, 120 kPsi heat treated steel, RBM 8,990,000 lb.in	3/8 inch Variable drop rail w/o liners, 120 kPsi heat treated steel, RBM of 3,259,000 lb.in 3/8 inch Variable drop rail with liner, 120 kPsi heat treated steel, RBM of 4,220,000 lb.in
Tow device	Two tow pins integral with front crossmember	Two tow hooks

REAR AXLE AND EQUIPMENT

STANDARD		OPTIONAL
Axle model	Meritor MT40-14X with 1/2 inch housing	Meritor MT44-14X
	Meritor MT44-14X	Meritor MT46-160
	Meritor MT46-160	Meritor RZ-166
	Meritor RZ-166	Meritor RT52-185
	Meritor RT52-185	Meritor RT50-160
Rear axle ratio	4.89 to 7.17 Dependent on axle model, vehicle configuration and application	
Rear suspension	Haulmaax HMX-EX 400 at a 54 inch axle spread, rated at 40,000 lb capacity	HN522 at a 54 inch axle spread, Rated at 52,000 lb capacity
		Primaax EX-462 Air Ride at a 54 inch axle spread, Rated at 46,000 lb capacity
		Hendrickson R-850 at a 54 inch axle spread, Rated at 85,000 lb capacity
		Primaax EX-692 Air Ride at a 54 inch axle spread, Rated at 69,000 lb capacity
		Primaax EX-692 Air Ride at a 72 inch axle spread, Rated at 69,000 lb capacity
		Primaax EX-692 Air Ride at a 80 inch axle spread, Rated at 69,000 lb capacity
		Primaax EX-462 Air Ride at a 54 inch axle spread, 8.5" Ride height, Rated at 46,000 lb capacity
		Primaax EX-692 Air Ride at a 54 inch axle spread, 8.5" Ride height, Rated at 69,000 lb capacity
		Primaax EX-692 Air Ride at a 72 inch axle spread, 8.5" Ride height, Rated at 69,000 lb capacity
		Primaax EX-692 Air Ride at a 80 inch axle spread, 8.5" Ride height, Rated at 69,000 lb capacity
Brakes	MGM type 30/36	CAM Haldex Goldseal type 36 spring chamber

CAB AND EQUIPMENT

STANDARD	
Cab construction	The cab is constructed from corrosion-resistant steel followed by a Cathodic Electrocoat dip process before the top coat is applied
Cab drive configuration	Single LH drive
Cab doors	Steel doors with power or manual crank window regulators
	Aluminum fold-up doors for stand-up and low entry options
Mirrors	Black or chrome plastic housing with dual pane mirrors. Options include power adjustment, heat and integrated marker lights
Cab climate control system	30,000 BTU air conditioner with heater
Steering column	Adjustable for tilt on single drive cab configurations
Steering wheel	16 or 18 inch diameter
Driver seats	National Cush II low back air ride
	Sears C2 air ride
	Sears C2+ air ride
	Sears C2+ air ride with air lumbar support
	Sears C2+ air ride with air lumbar support and headrest
	Various Bostrom selections
Passenger seats	Fixed type low back
	Sears C2 fixed or air ride
	Sears C2+ fixed or air ride
	Sears C2+ air ride with air lumbar support
	Sears C2+ air ride with air lumbar support and headrest
	Various Bostrom selections