



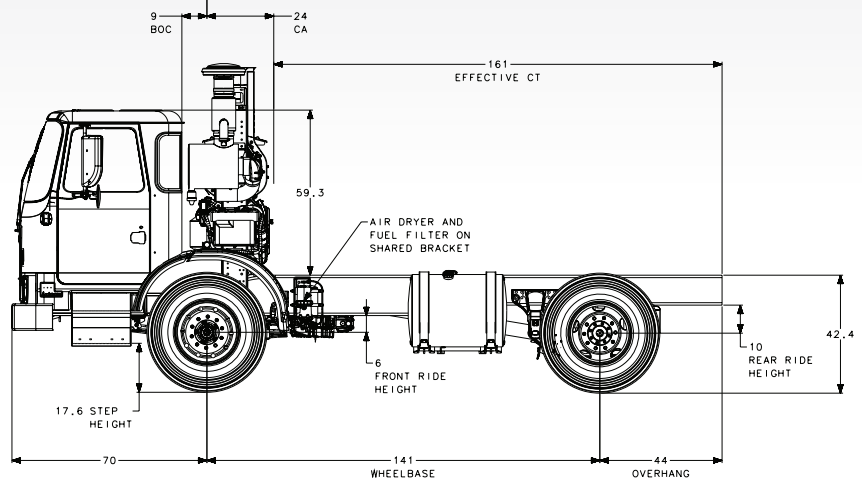
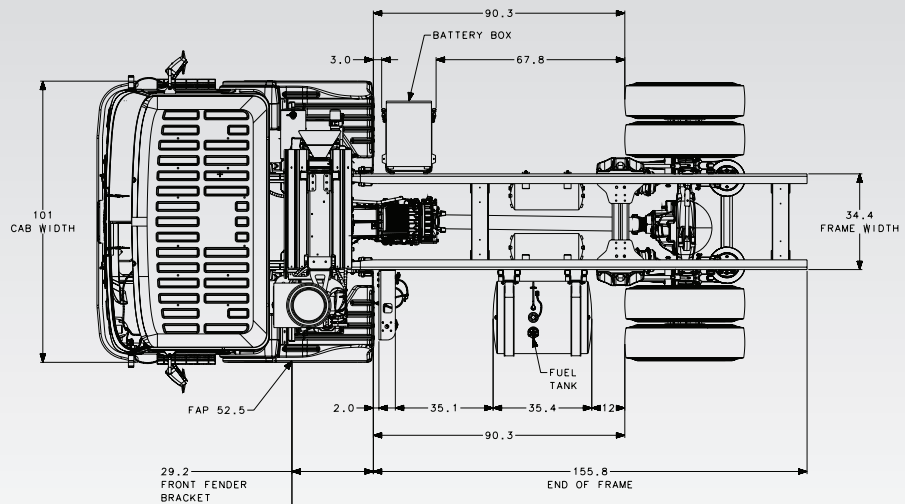
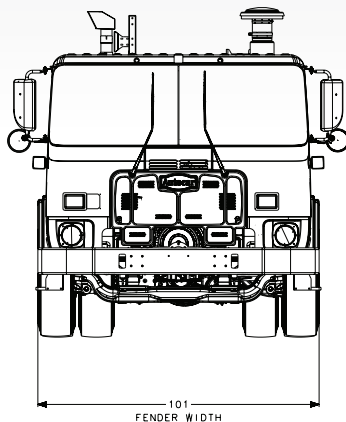
# ACX 4X2

## ACX 4X2

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

### ALL DIMENSIONS IN INCHES

ACX 4x2 Typical  
Cummins L9 Engine  
Allison 4500  
Meritor 20K Steer Axle  
Dana S30-190 Rear Axle  
Hendrickson Pax Ex-232 Rear Suspension  
141" Wheelbase  
44" Overhang



## ENGINE AND EQUIPMENT

ENGINE AND EQUIPMENT	
Engine model	Cummins 2021 L9 rated from 300 hp to 380 hp
	Cummins 2021 X12 rated from 350 hp to 500 hp
	Cummins L9N (natural gas) rated from 300 hp to 320 hp
	Cummins ISX12N (natural gas) rated at 330 to 350 hp
Exhaust (Diesel)	Horizontally mounted SMA (single module aftertreatment) with LHVE (left hand vertical exhaust)
	Horizontally mounted SMA (single module aftertreatment) with RHVE (right hand vertical exhaust)
Exhaust (Gas)	Horizontally mounted 3-way catalyst on BOC with LHVE (Left hand vertical exhaust)
	Horizontally mounted 3-way catalyst on BOC with RHVE (Right hand vertical exhaust)
	Horizontally mounted 3-way catalyst on BOC with RHUFE (Right hand under frame exhaust) (CNG only)
	Horizontally mounted 3-way catalyst on frame rail with RHUFE (Right hand under frame exhaust) (L9N only)

ENGINE AND EQUIPMENT (CONTINUED)	
Air cleaner	15 inch single stage EPG
	15 inch single stage with safety element EPG
Radiator	16 inch 2 stage
	1300 sq. inch aluminum
Fan & drive	1118 sq. inch bar plate
	2-speed fan drive
	On/Off fan drive
	Variable speed fan drive
Coolant hoses/piping	Electrical operated cooling fans
Coolant	Silicone hoses with constant tension clamps
	Extended life coolant

# TRANSMISSION AND EQUIPMENT

TRANSMISSION AND EQUIPMENT	
Transmission model	Allison 3000 RDS (not available with X12 or ISX12N)
	Allison 4000RDS
Transmission gearing	5 or 6-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 1710, 1760 or 1810 dependent on transmissions and driveline rotational speeds

# FRONT AXLE AND EQUIPMENT

FRONT AXLE AND EQUIPMENT	
Axle model	Meritor MFS-20
	Meritor MFS-18
	Meritor MFS-16
	Dana D-2200W
	Hendrickson Steertek 20K
Front suspension	7,500 lb Flat leaf rated at 16,500 lb capacity
	8,500 lb Flat leaf rated at 18,800 lb capacity
	9,500 lb Low camber flat leaf rated at 20,800 lb capacity
	10,100 lb Flat leaf rated at 22,000 lb capacity
	10,200 lb Taper leaf rated at 22,000 lb capacity
	Hendrickson 20K taper leaf front suspension (Only available with Steertek axle)
Power steering	Sheppard M100PPV3 with assist ram
Brakes	Meritor 16.5 x 6 QP
	Meritor 16.5 x 7 QP

# REAR AXLE AND EQUIPMENT

REAR AXLE AND EQUIPMENT	
Axle model	Meritor RS23-160
	Meritor RS30-185
	Dana S30-190
Rear axle ratio	4.33 to 7.17 Dependent on axle model, vehicle configuration and application
Rear suspension	PAX EX-232 air ride rated at 23,000lb capacity
	Reyco 102CC rated at 31,000 lb capacity
Brakes	Meritor 16.5x7 QP
	Meritor 16.5 x 8.62 QP
	Meritor 16.5X7 SSQ

# CHASSIS AND EQUIPMENT

CHASSIS AND EQUIPMENT	
Wheelbase	Available in 3 inch increments between 138 inch and 258 inch
Frame	3/8 inch Variable drop rail, 120 kPsi heat treated steel, RBM of 3,259,000 lb.in to 4,220,000 lb. in dependent on drop configuration and liners
Heavy-duty front end	Available for severe duty service applications such as snow plowing
Tow device	Two tow pins integral with front crossmember

# CAB AND EQUIPMENT

CAB AND EQUIPMENT	
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
	Single RH drive
	Dual drive dual sit
	Dual drive RH standup
Cab doors	Single LH drive RH standup
	Steel doors with power or manual crank window regulators
Mirrors	Aluminum fold-up doors for stand-up and low entry options
	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
Passenger seats	Various Bostrom selections
	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



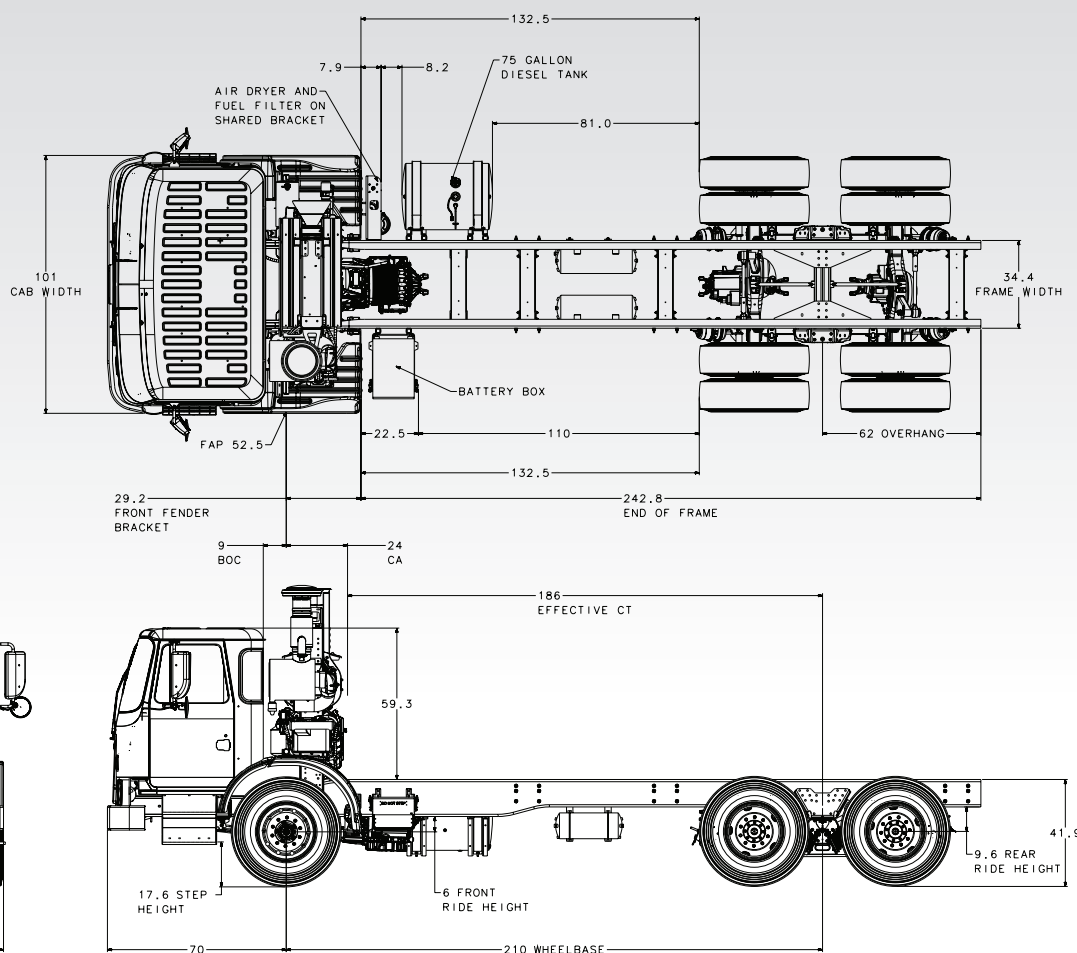
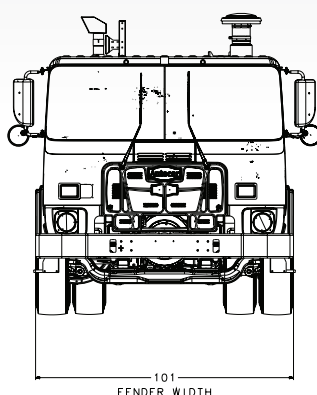
# ACX 6X4

## ACX 6X4

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

**ALL DIMENSIONS IN INCHES**

ACX 6x4 Typical  
Cummins L9 Engine  
Allison 4500  
Meritor 20K Steer Axle  
Meritor RT46 Rear Axle  
Hendrickson HMX 46K  
Rear Suspension  
210" Wheelbase  
62" Overhang



## ENGINE AND EQUIPMENT

ENGINE AND EQUIPMENT	
Engine model	Cummins 2021 L9 rated from 300 hp to 380 hp
	Cummins 2021 X12 rated from 350 hp to 500 hp
	Cummins L9N (natural gas) rated from 300 hp to 320 hp
	Cummins ISX12N (natural gas) rated at 330 to 350 hp
Exhaust (Diesel)	Horizontally mounted SMA (single module aftertreatment) with LHVE (left hand vertical exhaust)
	Horizontally mounted SMA (single module aftertreatment) with RHVE (right hand vertical exhaust)
Exhaust (Gas)	Horizontally mounted 3-way catalyst on BOC with LHVE (Left hand vertical exhaust)
	Horizontally mounted 3-way catalyst on BOC with RHVE (Right hand vertical exhaust)
	Horizontally mounted 3-way catalyst on BOC with RHUFE (Right hand under frame exhaust) (CNG only)
	Horizontally mounted 3-way catalyst on frame rail with RHUFE (Right hand under frame exhaust) (L9N only)

ENGINE AND EQUIPMENT (CONTINUED)	
Air cleaner	15 inch single stage EPG
	15 inch single stage with safety element EPG
Radiator	16 inch 2 stage
	1300 sq. inch aluminum
Fan & drive	1118 sq. inch bar plate
	2-speed fan drive
	On/Off fan drive
	Variable speed fan drive
Coolant hoses/piping	Electrical operated cooling fans - CNG available, Diesel to be released in 2021
	Silicone hoses with constant tension clamps
Coolant	Extended life coolant



# TRANSMISSION AND EQUIPMENT

TRANSMISSION AND EQUIPMENT	
Transmission model	Allison 3000 RDS (not available with X12 or ISX12N)
	Allison 4000RDS
Transmission gearing	5 or 6-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 1710, 1760 or 1810 dependent on transmissions and driveline rotational speeds

# FRONT AXLE AND EQUIPMENT

FRONT AXLE AND EQUIPMENT	
Axle model	Meritor MFS-20
	Meritor MFS-18
	Meritor MFS-16
	Dana D-2200W
	Hendrickson Steertek 20K
Front suspension	7,500 lb Flat leaf rated at 16,500 lb capacity
	8,500 lb Flat leaf rated at 18,800 lb capacity
	9,500 lb Low camber flat leaf rated at 20,800 lb capacity
	10,100 lb Flat leaf rated at 22,000 lb capacity
	10,200 lb Taper leaf rated at 22,000 lb capacity
	Hendrickson 20K taper leaf front suspension (Only available with Steertek axle)
Power steering	Sheppard M100PPV3 with assist ram
Brakes	Meritor 16.5 x 6 QP
	Meritor 16.5 x 7 QP
	Meritor 16.5 x 7 QP
	Meritor 16.5 x 7 SSQ
	Meritor EX225H2 air disc

# REAR AXLE AND EQUIPMENT

REAR AXLE AND EQUIPMENT	
Axle model	Meritor MT40-14X
	Meritor MT40-14X with 1/2 inch housing
	Meritor MT44-14X
	Meritor MT46-160
	Meritor MT46-164 EH
	Meritor RT52-185
Rear axle ratio	4.89 to 6.14 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
	Haulmaax HMX-EX 460 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
Brakes	Meritor 16.5 x 7 QP
	Meritor 16.5 x 7 QS
	Meritor 16.5 x 8.62 QP
	Meritor 16.5 x 8.62 SSQ
	Meritor 16.5 x 7 BGS
	Meritor EX225H2 air disc

# CHASSIS AND EQUIPMENT

CHASSIS AND EQUIPMENT	
Wheelbase	Available in 3 inch increments between 144 inch and 264 inch
Frame	3/8 inch Variable drop rail, 120 kPsi heat treated steel, RBM of 3,259,000 lb. in to 4,220,000 lb. in dependent on drop configuration and liners
Heavy-duty front end	Available for severe duty service applications such as snow plowing
Tow device	Two tow pins integral with front crossmember

# CAB AND EQUIPMENT

CAB AND EQUIPMENT	
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
	Single RH drive
	Dual drive dual sit
	Dual drive RH standup
Cab doors	Single LH drive RH standup
	Steel doors with power or manual crank window regulators
Cab doors	Aluminum fold-up doors for stand-up and low entry options
	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





# ACX 8X4

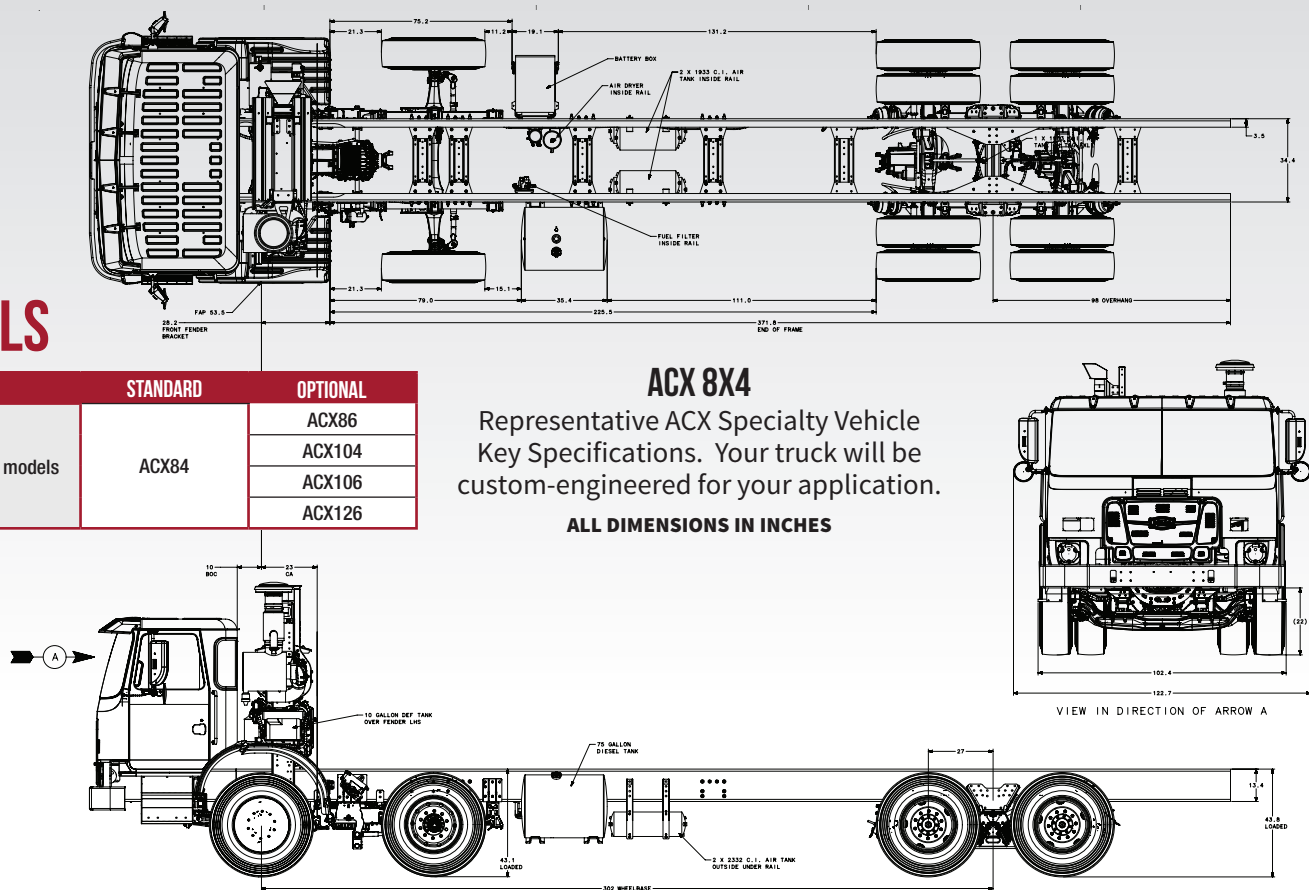
## MODELS

	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 diagnosis 7" display	Gauges and 3" display
Telematics	Autocar Advanced Telematics	

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# 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 Composilite EXS steerable, 13,500lbs Hendrickson Composilite EXF non-steerable, 13,500lbs Hendrickson Composilite EXF steerable, 20,00lbs
Tag Axles	No Tag axle provided	Hendrickson Composilite EXS steerable, 13,500lbs Hendrickson Composilite EXF non-steerable, 13,500lbs Hendrickson Composilite 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



# ACX 8X4

## 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

