



Heavy Duty Axle - Order Form

Contact Information:

Contact:

Company:

Address:

City:

Province/State:

Postal/Zip Code:

Phone:

Fax:

E-Mail:

Trailer Information:

Application: (e.g. dump trailer)

of Axles: **Primary:** **Lift/Steer:**

Expected # of axles to be ordered:

NOTE: Please fill out one form for each style of axle you are requesting (i.e. one form for steer axles, one form for primary axles).

☐ **I have read and understand the Dexter Warranty Statement. This can be found on our website.**

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Section 1: Standard Axles	
Spindle	Tube OD x Wall Thickness
F22 (Tapered)	☐ 5" x 0.46" (S-Wall) ☐ 5" x 0.58" (H-Wall) ☐ 5" x 0.75" (T-Wall)
F24 (Parallel)	☐ 5" x 0.58" (H-Wall) ☐ 5" x 0.75" (T-Wall)
F26 (759/740)	☐ 5.75" x 0.63" (S-Wall)
K45 (787/K6580)	☐ 5.75" (Solid)
F12 (with Flange only)	☐ 5" x 0.58" (H-Wall) ☐ 5" x 0.75" (T-Wall)
Track	☐ 71.5" ☐ 75.5" ☐ 77.5" ☐ 83" ☐ 89" ☐ 94" ☐ 95" ☐ Other (please specify):
Note: Standard track lengths are listed, if you require a different length, please specify in half-inch increments up to 144".	
If your track length is less than 60", please include any special clocking arrangements for air chambers and add a sketch, if possible.	
Our axle straightening process is capable of straightening axles from 31" to 89".	

Section 2: Drop Centre Axles	
Spindle	☐ F22 (Tapered) ☐ F24 (Parallel) ☐ F12 (with Flange only)
Type	☐ Standard ☐ Inverted
Drop Depth	☐ 6" ☐ 9"
Wall	☐ 5/8" (H-Wall) ☐ 3/4" (T-Wall)
Track	☐ 71.5" ☐ 77.5" ☐ 84" ☐ 86" ☐ Other (please specify):
Note: Standard track lengths are listed, if you require a different length, please specify in half-inch increments up to 144"	
Our axle straightening process is capable of straightening axles 31" or 89".	

Section 3: Manufactured Drop Axles	
Spindle	☐ F22 (Tapered)
Wall	☐ 5/8" (H-Wall) ☐ 3/4" (T-Wall)
Track	☐ 71.5" ☐ 77.5" ☐ 84" ☐ 86" ☐ Other (please specify):
Note: Standard track lengths are listed, if you require a different length, please specify in half-inch increments up to 120".	

Section 4: Steer Axles			
Type	☐ Self-Steer (Leading King Pin) Smart-Steer ☐ Inline King Pin (Forced Steer)		
Style	☐ Straight ☐ Drop ☐ Inverted Drop		
Beam Diameter (Self-Steer Only)	☐ 5" ☐ 5.75" (must use Ingersoll Suspension System)		
Spindle	☐ F22 (Tapered) ☐ F24 (Parallel)		
Track	☐ 71.5" ☐ 77.5" ☐ 84" ☐ 86" ☐ Other (please specify):		
Note: Standard track lengths are listed, if you require a different length, please specify in half-inch increments up to 144".			
Trailer Overall Width (tire out-to-out)			
Wheel/Rim Details	Size:	Part Number:	
	☐ Inset ☐ Outset	Value:	
Suspension Type	☐ Air Ride ☐ Spring		
Suspension Brand		Suspension Model	
Lift Kit		Ride Height	
Tire Size	Duals	☐ 11R22.5 ☐ 275/70R22.5 ☐ Other:	
	Singles	☐ 385/65R22.5 ☐ 425/65R22.5 ☐ 445/50R22.5 ☐ 455/55R22.5 ☐ 315/80R22.5 ☐ Other:	
Turn Angle	☐ 12 ☐ 20 ☐ 25 ☐ 28 ☐ 30 ☐ Other:		
*Requested Frame Width			
*Requested Axle Seat Out-to-Out			
Steer Axle Options	SSA: ☐ Integrated Air Reservoir ILKP: ☐ Steer Cylinder Installed		

*Based on tire size, turn angle, ride height, Dexter will calculate the maximum allowable size for these values.
Dexter will create an SSA proposal for you to verify the set-up and sign off prior to ordering.

Section 5: Drum Brakes	
Brake Shoe Type	☐ Quick Change (Time) ☐ P-Type ☐ None
Note: P-Type brakes are only available for 12 1/4" x 7 1/2" and 16 1/2" x 7 brake sizes.	
Spider Type	☐ Weld-On ☐ Bolt-on (16 1/2" only)

Section 5a: Brake Sizes	
Standard Axles	☐ 16 1/2 x 7" (20K Lining Only) ☐ 16 1/2 x 7" Superlife ☐ 16 1/2 x 8 5/8" Superlife ☐ 16 1/2 x 5" ☐ 12 1/4 x 7 1/2" ☐ 12 1/4 x 5 1/2" ☐ 15 x 8 5/8" Superlife ☐ None
Drop Centre Axles	☐ 16 1/2 x 7 Superlife ☐ 16 1/2 x 8 5/8" Superlife ☐ 16 1/2 x 5" ☐ None
Manufactured Drop Axles	☐ 12 1/4 x 7 1/2" ☐ 16 1/2 x 7" Superlife ☐ 16 1/2 x 8 5/8" Superlife ☐ None
Steer Axles	☐ 16 1/2 x 7 Superlife ☐ 16 1/2 x 8 5/8" Superlife ☐ 12 1/4 x 7 1/2" ☐ 15 x 7" Superlife ☐ None

Section 5b: Brake Linings	
Brake Size	Brake Lining
12 1/4 x 5 1/2"	☐ IMT23 (Red)
12 1/4 x 7 1/2"	☐ IMT23 (Red) ☐ Other (please specify):
15 x 7" Superlife	☐ IMT23HD (Purple)
15 x 8 5/8" Superlife	☐ IMT23HD (Purple)
16 1/2 x 5"	☐ 2020 ☐ Other (please specify):
16 1/2 x 7"	☐ IMT20 (White) ☐ Abex ☐ Other (please specify):
16 1/2 x 7" Superlife	☐ IMT23 (Red) ☐ Abex ☐ IMT25 (Gold) ☐ Other (please specify):
16 1/2 x 8 5/8" Superlife	☐ IMT23 (Red)

Section 5c: Camshaft Options		
Camshaft Type	☐ 10 Spline ☐ 28 Spline ☐ None	
Cam Enclosures	☐ Yes ☐ No	
Standard Axles	12 1/4" Brakes	☐ 21 3/8" ☐ 23 2/8" ☐ Other (please specify):
	15" Brakes	☐ 20 5/8" ☐ 23 3/4" ☐ 26 5/8" ☐ Other (please specify):
	16 1/2" Brakes	☐ 10 1/2" ☐ 20 5/8" ☐ 23 3/4" ☐ 26 5/8" ☐ Other (please specify):
Drop Centre Axles	16 1/2" Brakes	☐ 20 5/8" ☐ 22 5/8" ☐ 23 3/4" ☐ Other (please specify):
Manufactured Drop Axles	12 1/4" Brakes	☐ 11 1/4" ☐ Other (please specify):
	16 1/2" Brakes	☐ 7 1/2" ☐ 9 1/8" ☐ 9 5/8" ☐ Other (please specify):

Note: Camshaft options for Steer Axles will be determined by Dexter Engineering department, based on your tire size.

Section 5d: Hub & Drum	
Hub Manufacturer	☐ Dexter Standard ☐ KIC ☐ Walther ☐ Conmet ☐ None ☐ Other (please specify):
Hub Style (Hub Pilot)	☐ Cast (KIC/Walther/Conmet) ☐ Aluminum (Conmet) ☐ Lightweight Steel (Walther) ☐ Preset (Conmet) ☐ Preset Plus (Conmet)
Studs	☐ 10-Stud Long ☐ 10-Stud Short ☐ 8-Stud Long ☐ 8-Stud Short ☐ Other (please specify):
Bolt Circle (10-stud only)	☐ 355mm ☐ 285.8mm
Drum Style	☐ Cast ☐ Lightweight ☐ Other (please specify):
Drum Manufacturer	☐ Dexter Standard ☐ KIC ☐ Stemco ☐ None ☐ Other (please specify):
If you have chosen not to utilize our Hub & Drum, please indicate what Hub & Drum you are using:	
Brand:	Model Number:
Note: This information allows us to pick the correct spider position for your axle. If you have not indicated what Hub & Drum you are using, we will choose the Dexter standard spider position.	

Section 5e: Slack Adjuster and Air Chamber Options

Adjuster Type	☐ Manual ☐ Automatic ☐ None
Slack Adjuster Brand	☐ Dexter Standard ☐ Crewson ☐ Haldex ☐ Webb ☐ Other (please specify):
Arm Style	☐ Straight ☐ Curved (must be selected for 12 1/4" brakes) ☐ Offset ☐ None
Slack Length	☐ 5.5" ☐ 6.0"
Cam Bracket	☐ Standard ☐ Haldex
Note: If you have chosen not to install slack adjusters, please indicate what type of cam bracket you require.	
Air Chamber Brand	☐ Dexter Standard ☐ Ranger ☐ Haldex ☐ TSE ☐ None ☐ Other (please specify):
Air Chamber Type	☐ Standard ☐ Long Stroke ☐ Long Life ☐ None
Service Chamber Size	☐ 20 ☐ 24 ☐ 30 ☐ None ☐ Other (please specify):
Spring Brake Size	☐ 2024 ☐ 2424 ☐ 2430 ☐ 3030 ☐ None ☐ Other (please specify):

Section 6: Disc Brakes

If you are looking to order disc brakes for a Manufactured Drop Axle, please contact our Engineering department.

Wheel Size	☐ 17.5" ☐ 19.5" ☐ 22.5"
Caliper Brand	☐ Dexter Standard ☐ Haldex (ModuT) ☐ Wabco (PAN) ☐ Bendix (ADB22X) ☐ Bendix (ADB22X-LT) - not available for steer axles
Note: Haldex and Bendix calipers are only available for 22.5" Wheel Size.	
Hub and Rotor Package	☐ Dexter Standard ☐ Dexter – Steel ☐ Conmet – Aluminum (22.5") ☐ Conmet – Aluminum Preset (22.5") ☐ Conmet – Cast Steel (22.5") ☐ Walther Lightweight (22.5") ☐ Other (please specify):
Stud Length	☐ Short Stud ☐ Long Stud
Note: Air Chambers <u>MUST</u> be selected in disc brake applications, if not, we will select the Dexter standard.	
Air Chamber Brand	☐ Dexter Standard ☐ Ranger ☐ Haldex ☐ TSE ☐ Other (please specify):
Service Chamber Size	☐ 18 ☐ 20 ☐ 24 ☐ 30 ☐ Other (please specify):
Spring Brake Size	☐ 1824 ☐ 2024 ☐ Other (please specify):
Note: Bendix calipers are available with either Bendix Type 18 service chambers, or 1824 spring brakes installed for ADB22X model.	

Section 7: Bearings, Seals, Hub Caps & Spindle Nuts

Bearing Lubrication	☐ Synthetic Oil ☐ Synthetic Grease (Chevron) ☐ Mineral Oil ☐ Grease ☐ None ☐ Other (please specify):		
Lubrication Filled by Dexter	☐ Yes ☐ No (If you have chosen "No" to filling lubrication, please indicate which lubrication you are using so we can select the following options correctly).		
Bearing Brand	☐ Dexter Standard ☐ Preset (Conmet Only) ☐ None ☐ Other (please specify):		
Seal Brand	☐ Dexter Standard ☐ Stemco ☐ SKF (CR) ☐ National ☐ None		
Hub Cap Brand	☐ Dexter Standard ☐ Dual Dynamics ☐ Stemco ☐ SKF (CR) ☐ National ☐ None		
Warranty Packages	☐ SKF (CR) ☐ Stemco	☐ 3 Year ☐ 5 Year ☐ 7 Year	
Spindle Nuts	☐ Standard with Star Washer ☐ Stemco Pro-Torq ☐ None		

Section 8: Inflation Systems

Axle Prepped For	☐ PSI ☐ TIREMAAX ☐ Airgo ☐ Other (please specify):
Installation	☐ Prepped ☐ Partial (PSI Only) ☐ Full (PSI Only) ☐ None
Prepped – Includes drilling and tapping hole(s), installing required plug(s) and standard frost plugs in the spindle. Partial – Press plugs, stators and hub caps installed, through-tee shipped loose (to avoid damage), and the rest of the kit (control box and hoses) ordered from PSI. Full – Partial kit with the rest of the kit ordered through Dexter, shipped loose.	

Section 9: Axle Options

Dust Shields

Dust Shield	☐ Yes ☐ No
If you are ordering a Standard Axle, Drop Centre Axle, or Manufactured Drop Axle, please indicate the style of dust shield you require.	

Dust Shield Style	☐ Cone ☐ Flat ☐ Disc Brake
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ABS

Components	☐ Block Only ☐ Block and Sensor ☐ None ☐ ABS/Non-ABS* *If selecting ABS/Non-ABS, you will receive one quote with ABS and one quote without ABS.
Sensor Brand	☐ Haldex ☐ Wabco ☐ Other (please specify):

Axle Coating

Axle Primed	☐ Yes ☐ No
Note: Any track length over 102" will not be painted through our axle paint process.	

Axle Control Systems (shipped loose)

Automatic Lift/Lock Control System

AxlSense	☐ ASK-500 ☐ ASK-600 ☐ ASK-603
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Section 10: Suspensions

Would you like to add an Ingersoll Suspension System?	☐ Yes (if Yes, please fill out the suspension form below) ☐ No				
Would you like Dexter to unitize an alternative suspension?	☐ Yes (if Yes, please fill out the fields below) ☐ No				
Brand		Model		Hanger Centres	

Air Ride Suspension Form

ISS-**30**K-**17****TLS**-**SSA**-**WE**-**FHL**-**320**-**XXXX**

1 2 3 4 5 6 7 8

1 – SUSPENSION RATING

(25) – 25,000 lbs
(30) – 30,000 lbs

2 – RIDE HEIGHT

(14 THRU 19) – TOP MOUNT
(12 THRU 14) – MID MOUNT
(9 THRU 12) – LOW MOUNT
(6.5 THRU 9) – UNDERSLUNG/YOKE

3 – TRAILING BEAM STYLE

(TIN) – TOP MOUNT
(THT) – TOP MOUNT
(TL) – TOP MOUNT LIFTABLE
(TLS) – TOP MOUNT LIFTABLE SHORT BEAM
(U) – LOW MOUNT
(UL) – LOW MOUNT LIFTABLE
(ULT) – TRUCK LIFTABLE
(US) – UNDERSLUNG
(UY) – YOKE MOUNT
(UYD) – YOKE MOUNT DISC

4 – AXLE STYLE

(SSA) – SMARTSTEER
(STD) – STRAIGHT DRUM BRAKE AXLE
(DSC) – STRAIGHT DISC BRAKE AXLE
(DRP) – DROP CENTRE AXLE
(INV) – INVERTED DROP CENTRE AXLE
(IKP) – INLINE KING PIN AXLE

5 – HANGER/PIVOT CONNECTION STYLE

(WW) – WELD-ON ADJUSTABLE WELDED COLLAR
(WE) – WELD-ON ADJUSTABLE ECCENTRIC COLLAR
(WGE) – WINGED WELD-ON ADJUSTABLE ECCENTRIC COLLAR
(BWx) – BOLT-ON ADJUSTABLE WELDED COLLAR
(BEx) – BOLT-ON ADJUSTABLE ECCENTRIC COLLAR
(SFx) – SIDE FLANGE ADJUSTABLE ECCENTRIC COLLAR

6 – LIFT KIT OPTION

(NNN) – NO LIFT KIT
(FHL) – FRONT HANGER LIFT
(UHL) – UNDER HANGER LIFT
(CHL) – CENTER HANGER LIFT
(TBL) – TOP BEAM LIFT

7 – HANGER CENTRES

(320) – 32" CENTRES (REF. 77.5" TRACK SSA)
(410) – 41" CENTRES (REF. 77.5" TRACK)
(475) – 47.5" CENTRES (REF. 84" TRACK)
ETC.

8 – NON-STANDARD OPTIONS

(BLANK) – NONE
(CHN) – CHAIN RESTRAINT
(GLV) – GALVANIZED HANGERS & ASTPA
(CBL) – CABLE RESTRAINT

ISS-K-

1 2 3 4 5 6 7 8

ADDITIONAL COMMENTS

This form has been provided for your convenience, we have attempted to cover all eventualities. If you have more information you feel is pertinent, please enter it below.