

**Bill Of Materials For Convenient ATV Trailer**

Amount	Size	Description	Note
24'	1"x 2"x3/16"	C-Channel	
140'	2"x 2"x3/16"	Angle	
20'	2"x 4"x3/16"	C-Channel	
2 Sheets	4'x8'x1"	Wire Mesh	
12'	3/8"	Steel Rod	
12'	1/2"	Steel Tube	
1 sq. ft.	3/4"	Plate Steel	
6 sq. ft.	1/4"	Plate Steel	
2	5 ft	Axles	3500 lb
4		Springs	
2		U-bolt Kits	
2		Hanger Kit	
1		A-Frame Coupler	2" Ball bulldog
1		Jack	5,000 lb bulldog
2		Safety Chains	
1		Square LED trailer light Kit	
1		4-way flat Trailer End Plug	
4	4.8"x 8"	Tires and wheels	
1		Hydraulic Power Unit	12V 1600 psi
1		Reservoir	2 gallon
2		Hydraulic Cylinder	
1	1/2" x 25'	Hydraulic Hose	
2	1/2"	Female Coupler	
2	1/2"	Male Coupler	
2	1/2"	Tee Coupler	
6	2"x12"x12'	Treated Lumber	

**Bill Of Materials For Convenient ATV Trailer**

Northern Tool and Equipment  
Burnsville, MN

Amount	Size	Description	Note	Price
2	5 ft	Axles	3500 lb	\$169.90
4		Springs		\$67.80
2		U-bolt Kits		\$29.90
1		Hanger Kit		\$49.95
1		A-Frame Coupler	2" Ball bulldog	\$56.95
1		Jack	5,000 lb bulldog	\$28.95
2		Safety Chains		\$7.90
1		Square LED trailer light Kit		\$55.95
1		4-way flat Trailer End Plug		\$1.95
4	4.8"x 8"	Tires and wheels	Galvanized Wheels	\$119.96
1		Hydraulic Power Unit	Haldex 12V	\$499.99
1		Reservoir	Haldex 2 Gallon	\$54.99
2		Hydraulic Cylinder	Lion 2"x10"	\$123.98
1	1/2" x 25'	Hydraulic Hose	Apache	\$39.99
2	1/2"	Female Coupler	Apache Fittings	\$7.98
2	1/2"	Male Coupler	Apache Fittings	\$7.98
2	1/2"	Tee Coupler	Apache Fittings	\$13.98
1	1/2"	Elbow	Apache Fittings	\$23.94
<b>Total</b>				<b>\$1,362.04</b>

**Bill Of Materials For Convenient ATV Trailer**

Graber Equipment  
RR#1 Box 457  
Odon, IN 47562

Amount	Size	Description	Note	Price
24'	1"x 2"x3/16"	C-Channel		\$36.19
140'	2"x 2"x3/16"	Angle		\$222.06
20'	2"x 4"x3/16"	C-Channel		\$58.50
2 Sheets	4'x8'x1"	Wire Mesh		\$144.00
12'	3/8"	Steel Rod		\$2.95
20'	1/2"	Steel Tube		\$6.08
1 sq. ft.	3/4"	Plate Steel		\$19.50
6 sq. ft.	1/4"	Plate Steel		\$39.40
6	2"x12"x12'	Treated lumber		<u>\$107.88</u>
<b>Total</b>				<b>\$636.56</b>

**Estimate for Fabrication**

Graber Equipment  
RR # 1 Box 301  
Odon, IN 47562

Labor Rate: \$40 per Hour  
6' X 12' ATV Trailer  
Fabrication of Trailer Framing: 16 Hours x \$40/hr = \$640  
Hydraulic Accessories: 5 Hours x \$40/hr = \$200  
Wiring: 2 Hours x \$40/hr = \$80  
Drivetrain: 2 Hours x \$40/hr = \$80  
Total Estimate for Fabrication of ATV Trailer: \$1000  
Total Estimate for Steel Material: \$636.56  
Total Estimate for Accessories: \$1362.04  
Total Estimate For Trailer: **\$2998.60**