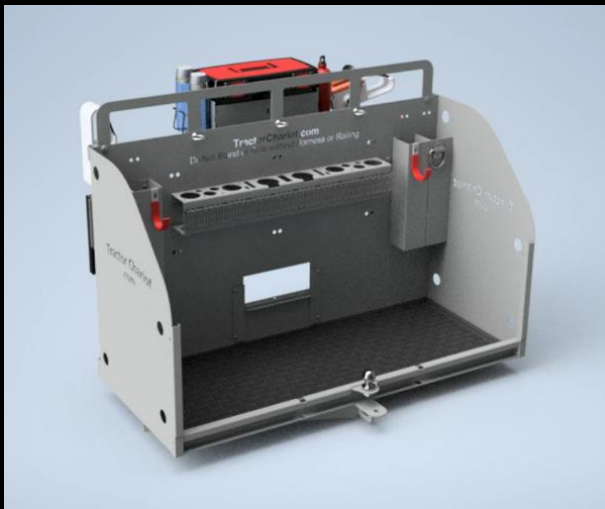


Tractor Chariot .com

The Tractor Chariot is an Innovative and Indispensable Tractor Implement
This professional grade, multi-purpose Implement, easily attaches to any Tractor
The Chariot efficiently performs many maintenance, landscaping and wood cutting tasks



- Start Tractor Chariot
- Quick Hitch - Tool Rack
- Tractor Chariot - Tool Frame
- Tractor Chariot CAD
- Tractor Chariot Costing
- Tractor Chariot Trademarks
- Innovative Real World Design

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Electronic Design Associates, LLC
Jim@DesignTeam.com



Every Tractor needs a Chariot

Chariot on Tractor



Chariot Work Platform



Super Charge your Tractor

Tractor Chariot Front



Tractor Chariot Rear





Tractor Chariot

[Click to Play Animation](#)



Tractor Chariot with Safety Railing

[Click to Play Animation](#)



Quick Hitch - Tool Rack

[Click to Play Animation](#)





Tractor Chariot Features

[Click to Play](#)



Turn your
volume up

Tractor Chariot at Work

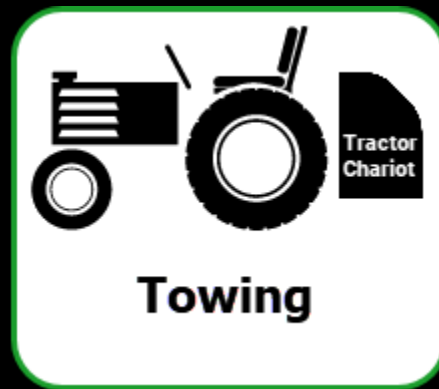
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“The Essential Tractor Implement”



“Much more than a Carry All”

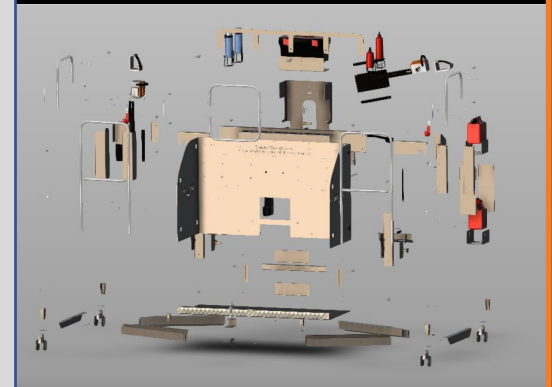




- The Tractor Chariot fits all compact and commercial Category 1 and 2 Tractors
- The Tractor Chariot is easily attached and removed from your tractor with two simple levers
- Dimensions: L "60" x H "48" x D "27" Weight 275 lbs Quick Hitch Tool Rack (w/o Quick Hitch): 25 lbs



- Innovative Real-World Design and Build to Last
- Sturdy steel construction with a rigid 3 Point mounting frame
- Bolt on Accessories to suit your specific needs

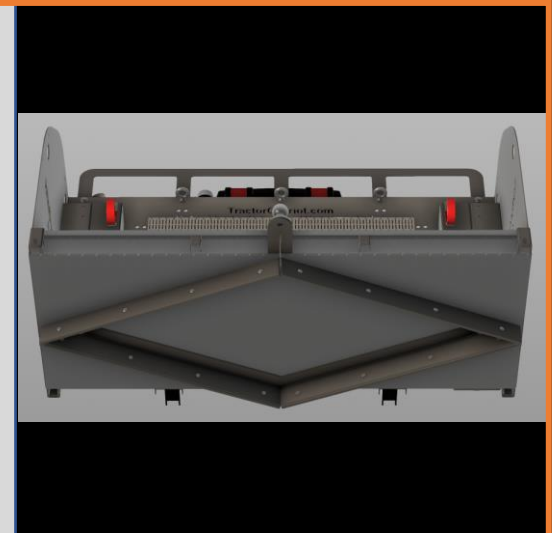




- Long Lasting Rust Free
- Durable Hammer-Tone Powder Coated Finish
- Powder Coated in Gray, Kubota Orange and John Deere Green



- The Tractor Chariot diamond shaped Drag easily landscapes dirt, sand, gravel and plows snow
- A strong diamond shaped landscaping blade, with replaceable wear bars, grades in both forward and backwards directions
- Side Panels are easily attached with 2 pins, to keep gravel and dirt from exiting either one or both sides of the Chariot

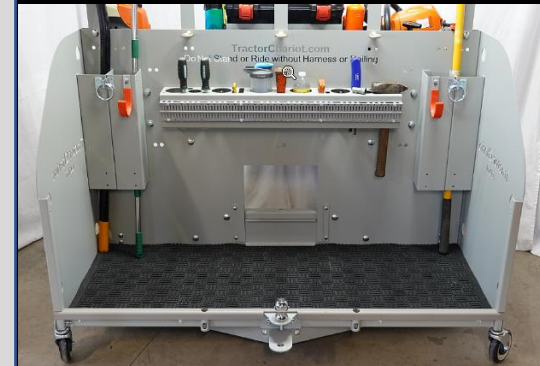




- Caster Wheels are easily removed with 4 pins, enabling you to roll the Chariot around for easy storage
- The Safety Railing is easily removed with 6 pins and folds flat for storage



- Floor Mat adds comfort and safety
- Non-Slip Rubber Floor Mat covers the entire base of the Chariot, and can be removed for cleaning





- A sturdy Grab Handle makes it easy to maintain your balance when riding in the Chariot
- Steel Eye Hooks enable you to attach up to 3 Body Harnesses



- Tractor Chariot features a Safety Railing that is easily removed with 6 pins and folds flat for storage
- The Safety Railing Door opens into the Chariot and will not accidentally open
- Safety Caution message is Laser Cut into Chariot body
"Only Ride in Chariot with Safety Railing or Safety Harness"





- Steel Eye Hooks enable you to attach up to 3 Body Harnesses
- These Hooks can also be used to secure equipment with Gear Ties or Tie Down Straps



- 4 Tool Tubes are used to carry shovels, rakes, tree trimmers, pruning shears and other long handle tools
- Hooks and Hitch Rings mounted on the Tool Tubes to hang tow cables, hoses, electrical cables, and other items





- The Tap Mount Rail on the Tool Rack and has many accessories for hanging tools and storage containers

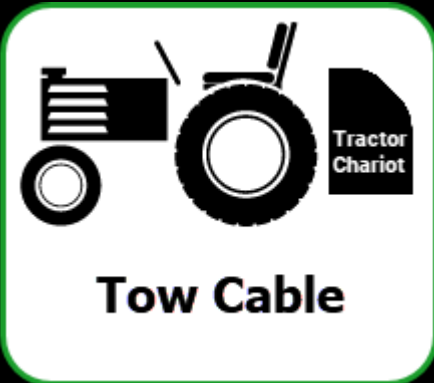
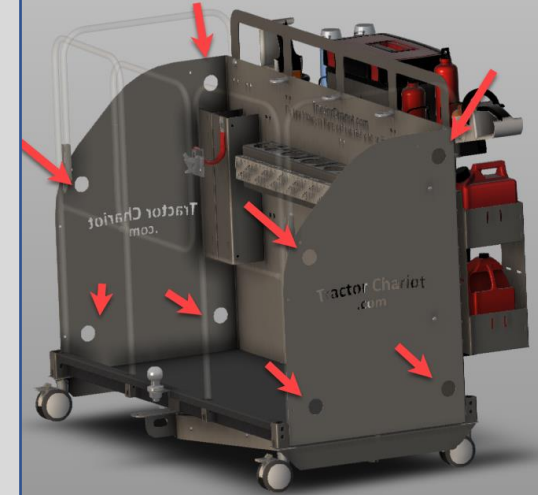


- Hooks and Hitch Rings mounted on the Tool Tubes carry tow straps, tow cables, electrical cables, and other items





- Gear Tie holes are used to secure equipment and long handle tools
- Tie Strap Holes are used for securing equipment, and lifting the Tractor Chariot



- A tow cable or tow strap is attached to the Tractor Tongue through an opening in the Chariot to Securely pull logs, vehicles and other heavy objects





- A Universal "Ball, Pin or Hook" hitch, is used for pulling carts, trailers, sprayers, spreaders and landscaping drags



- A Sliding Door enables you to easily remove dirt and debris from the Chariot
- The opening enables water to drain out of the Chariot
- 2 Sliding Doors can be used to completely close the opening, to prevent dirt, gravel and snow from entering the Chariot

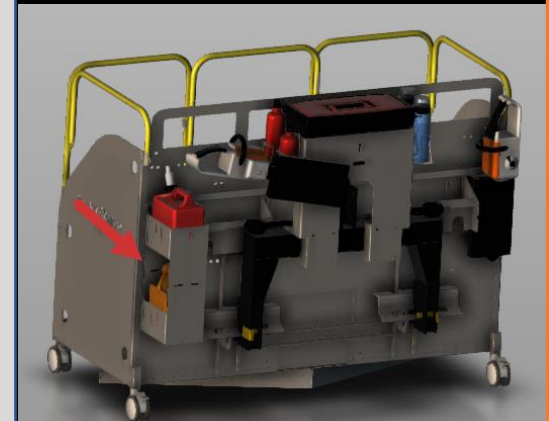




- A Scabbard mounted on the Chariot holds up to a 30" Chainsaw
- The Scabbard makes it easy to remove and insert the Chainsaw
- The HDPE plastic Scabbard will not dull the Chainsaw teeth



- A container mounted on the Chariot carries a one gallon Gas can and Chainsaw Bar Oil for easy access





- Quick Attach brackets transform the Chariot into a Work Platform for Skid-steers and Tractors with Quick Attach Loaders
- The Safety Railing and Body Harness ensure safe operation of the Work Platform



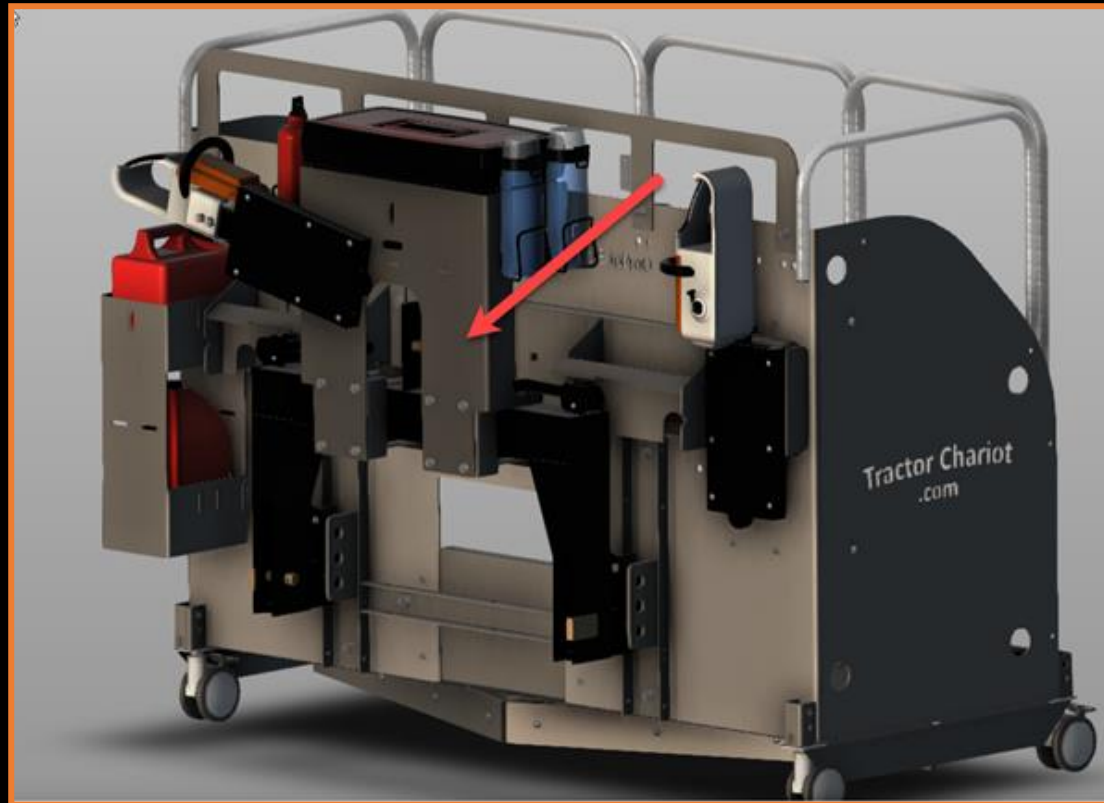
- More Tractor Chariot modules and accessories are being developed to add to the Chariots flexibility and increase your productivity





The Quick Hitch - Tool Rack bolts securely to any Quick Hitch and stays on the Tractor at all times

The Tool Rack has a Chainsaw scabbard, for carrying a 16" Chainsaw

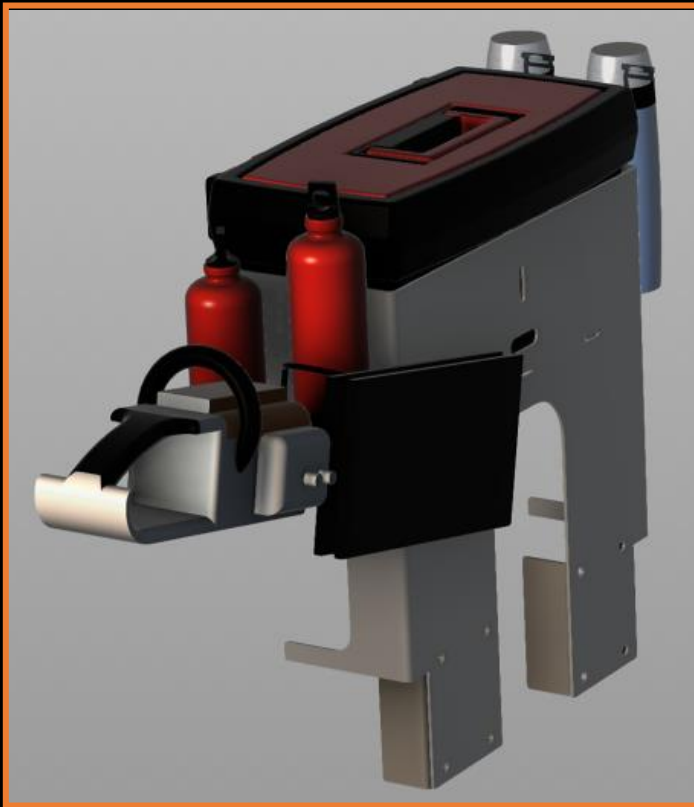


The Tool Rack features a large removable Toolbox, 2 water bottles and 2 Fuel & Chain Oil bottles

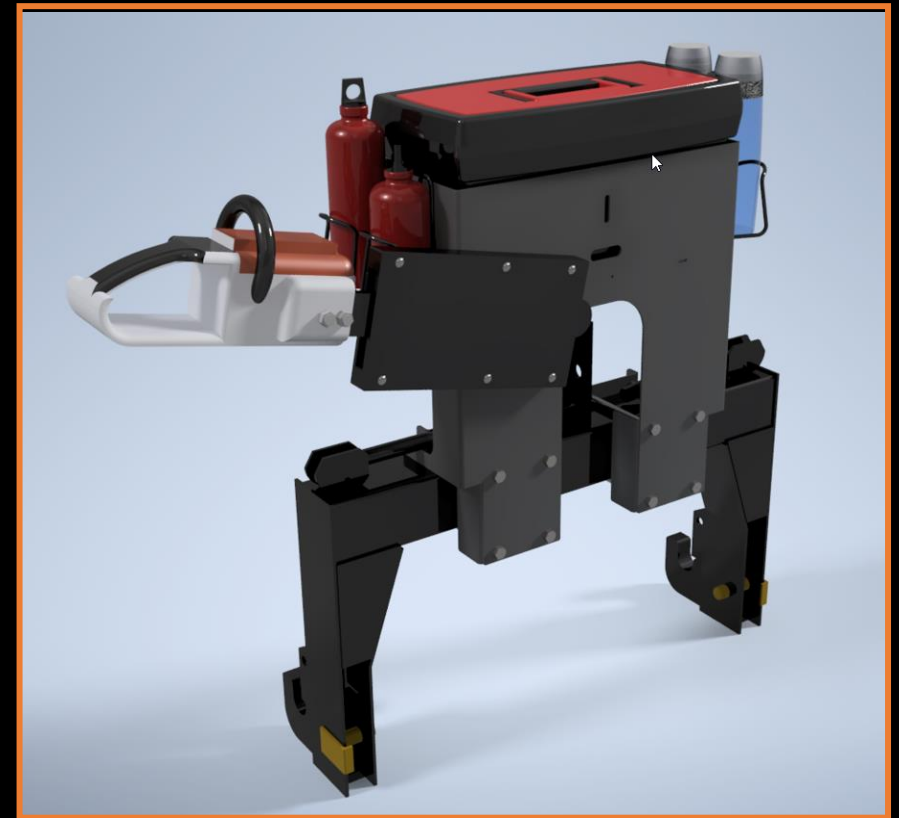




Quick Hitch Tool Rack

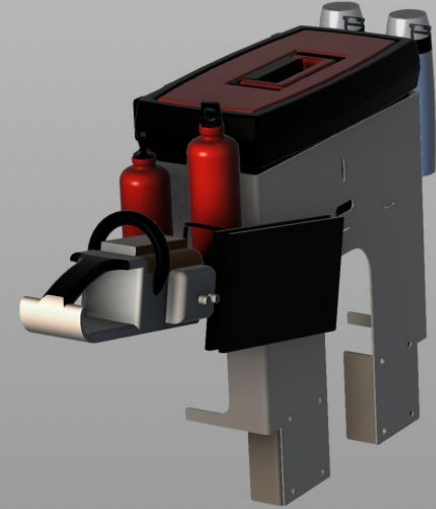


Tool Rack mounted on the Quick Hitch

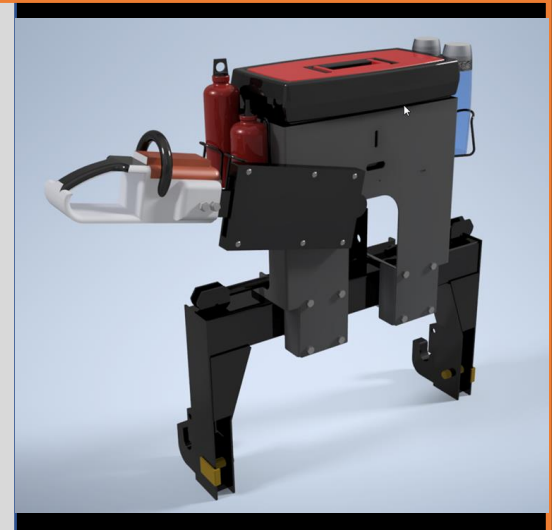




- The Quick Attach Tool Holder bolts on any 3 Point Quick Attach and carries a Chain Saw, a Large Toolbox and has Bottles Holders for Water, Gas and Bar Oil



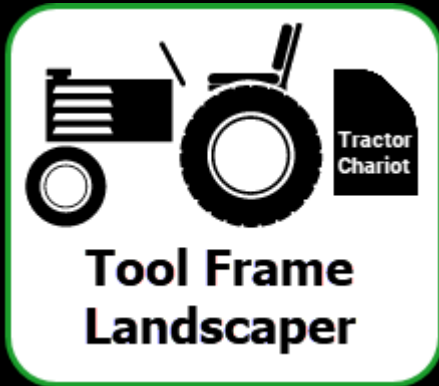
- The Quick Attach and the Tool Holder is attached to the Tractor 3 Point Hitch, and stays with the tractor at all times
- Other Tractor Implements are easily attached to the Tractor Quick Hitch with 2 simple levers





The Tractor Chariot Tool Frame is currently in development for future release

The Tool Frame is a multi-purpose attachment, that easily mounts to the Tractor Chariot
A variety of Time Saving Tools and Utilities can be mounted on the Tool Frame and easily changed



- The Landscaper easily mounts on the Tool Frame and grades the ground from rough to smooth, while driving forward or backward





Tool Frame Bank Mower

- The Bank Mower mounts the Tool Frame to safely mow pond banks and ditches
- The Bank Mower is mounting on a sliding extension rail that can be extended out on either side of the Tractor



Tool Frame Lift Platform

- The Lift Platform easily attaches to the Tool Frame and for carrying objects and equipment from one location to another
- The Lift Platform lowers to the ground for easy loading and is raised with the Tractor Chariot



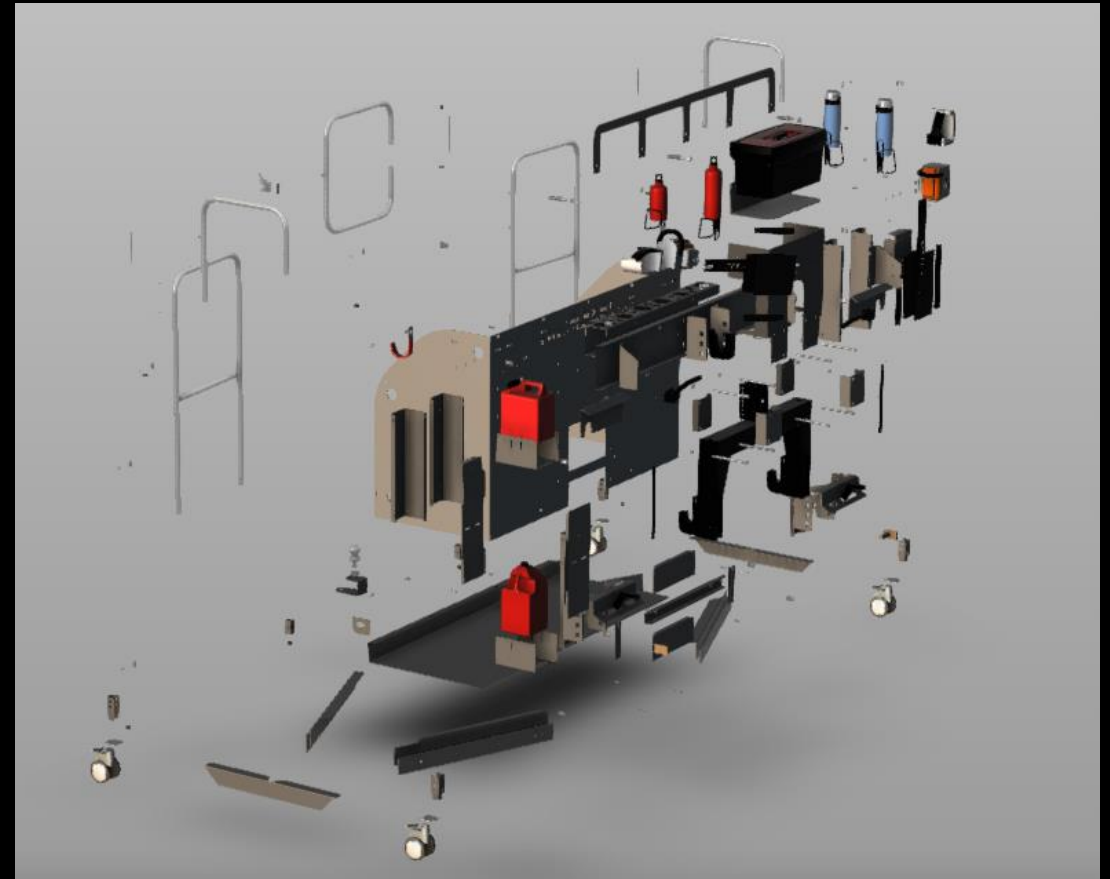
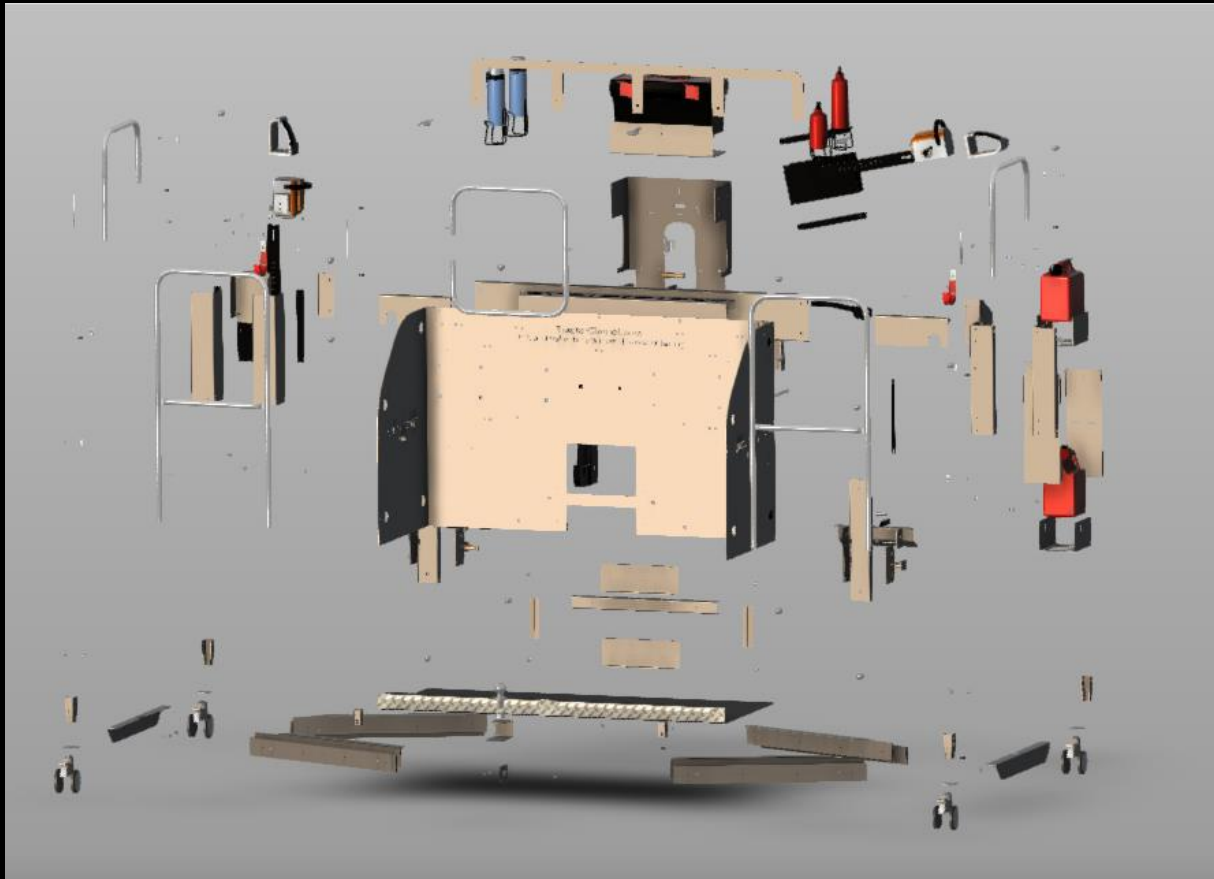
Tool Frame Spreader/Seeder

- The Seeder/Spreader easily attaches to the Tool Frame.
- The Seeder/Spreader preps the ground, spreads the seeds/fertilizer and packs the dirt, all in one pass
- The Seeder/Spreader is ideal for seeding/fertilizing lawns and planting food plots



Wire & Cable Spooler

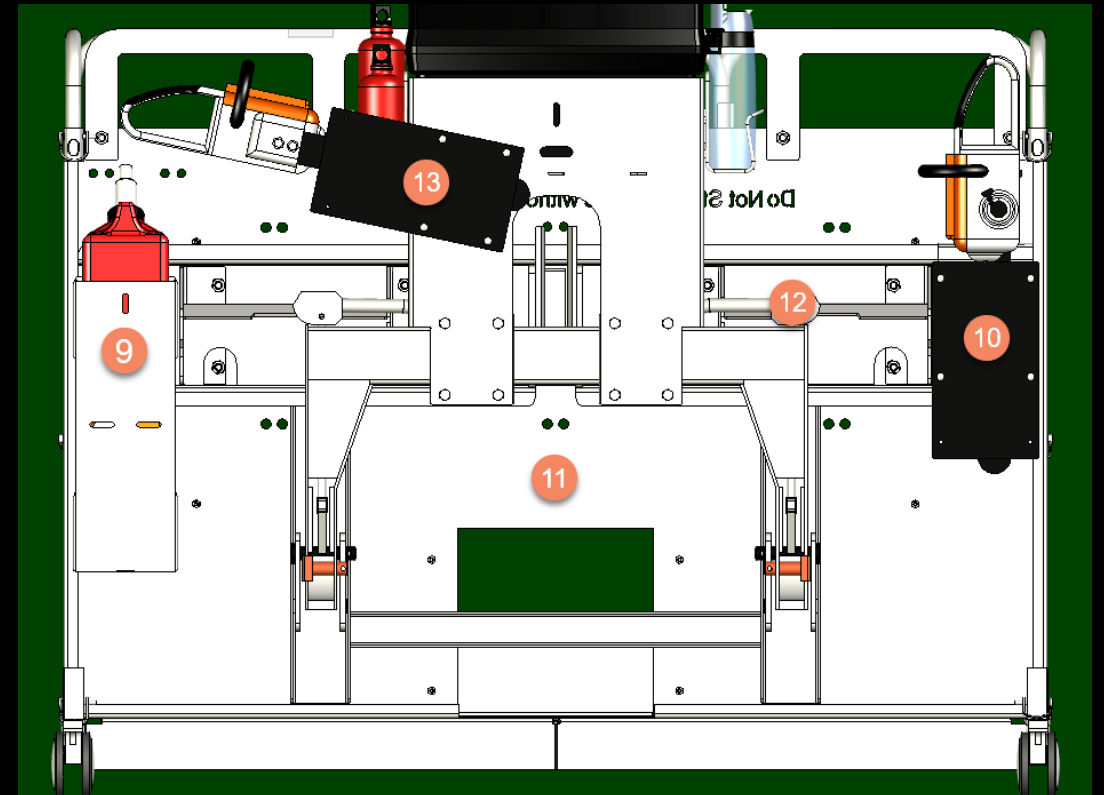
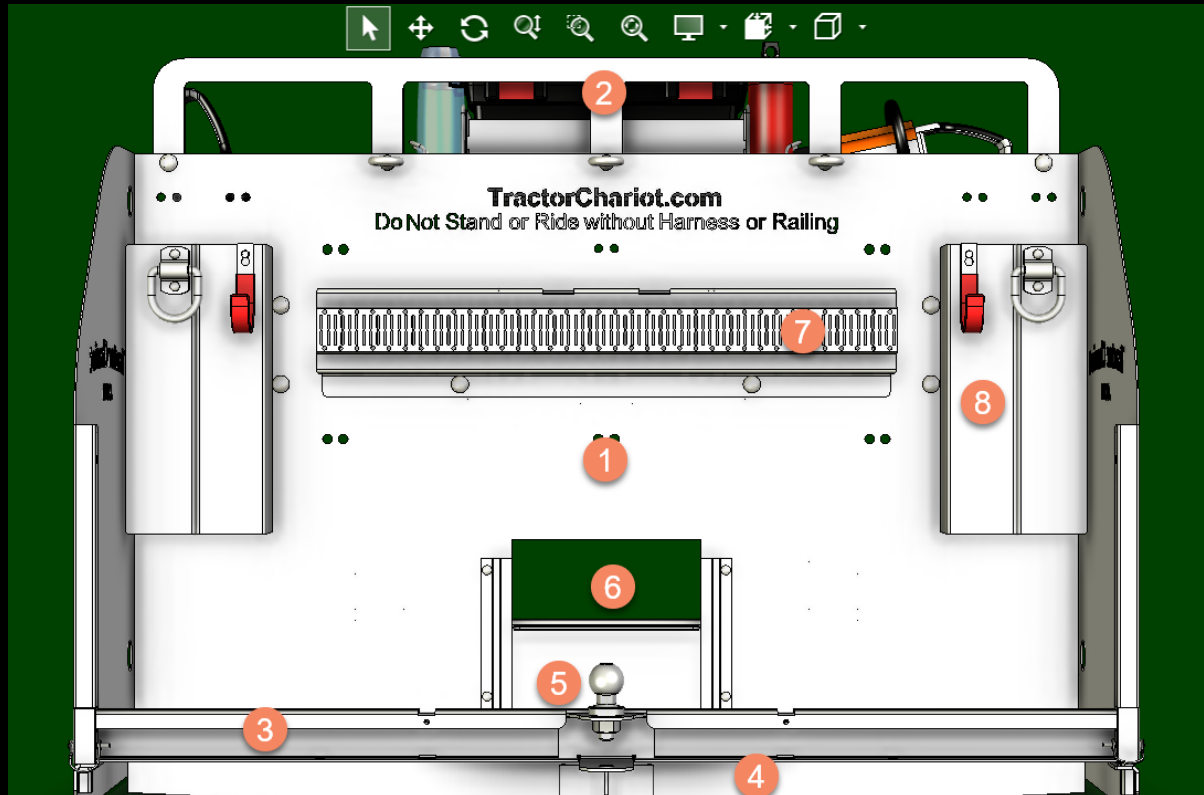
- The Wire & Cable Spooler carries several barbed wire or cable spools
- Fencing and stringing cable is easy with the Wire & Cable Spooler



1. Chariot Body
2. Grab Handle
3. Bumper
4. Landscaping Drag
5. Universal Hitch
6. Tow Opening/Door
7. Tool Rack

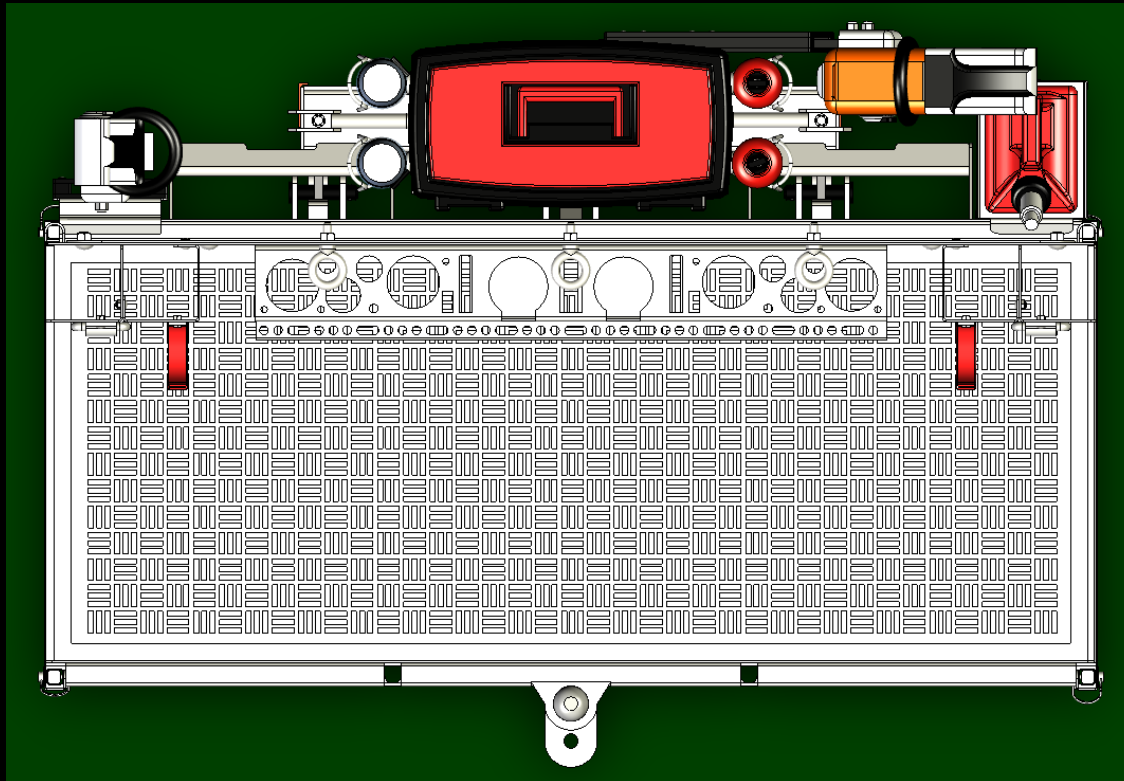


8. Tool Tubes
9. Gas & Oil Holder
10. Chainsaw Scabbard
11. Tow Cable Opening
12. Skid steer Lift Brackets
13. Chainsaw Scabbard

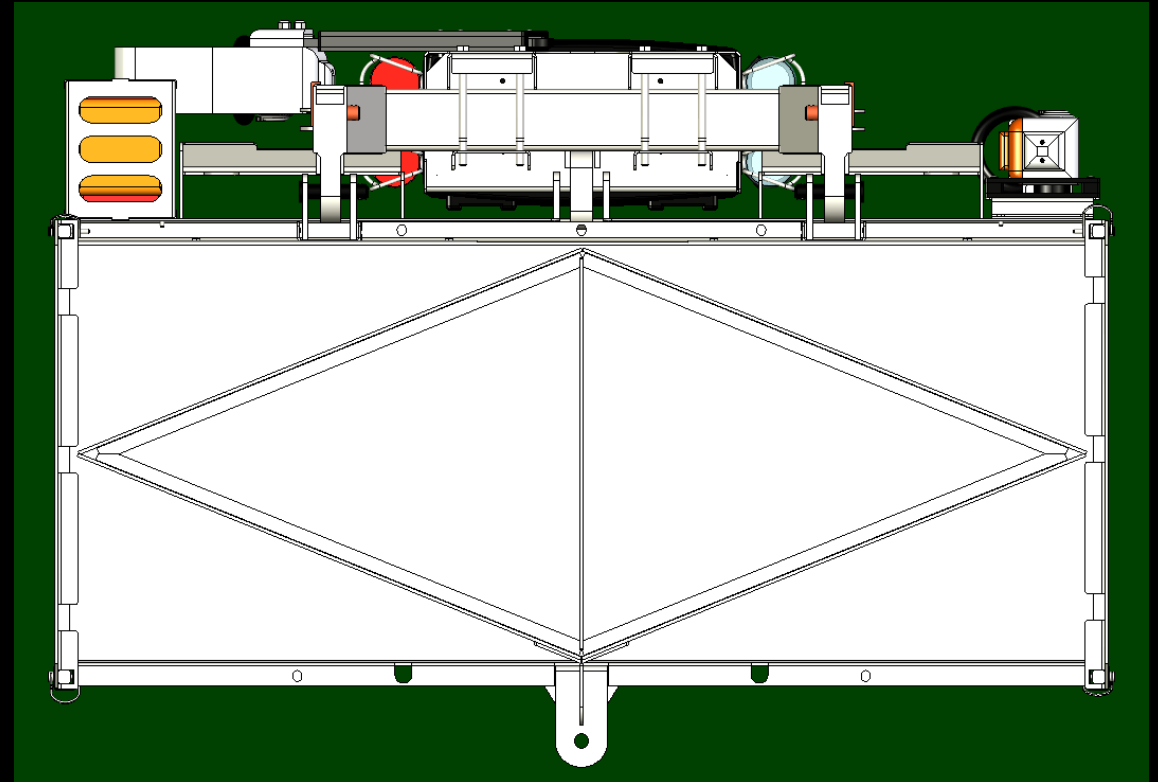




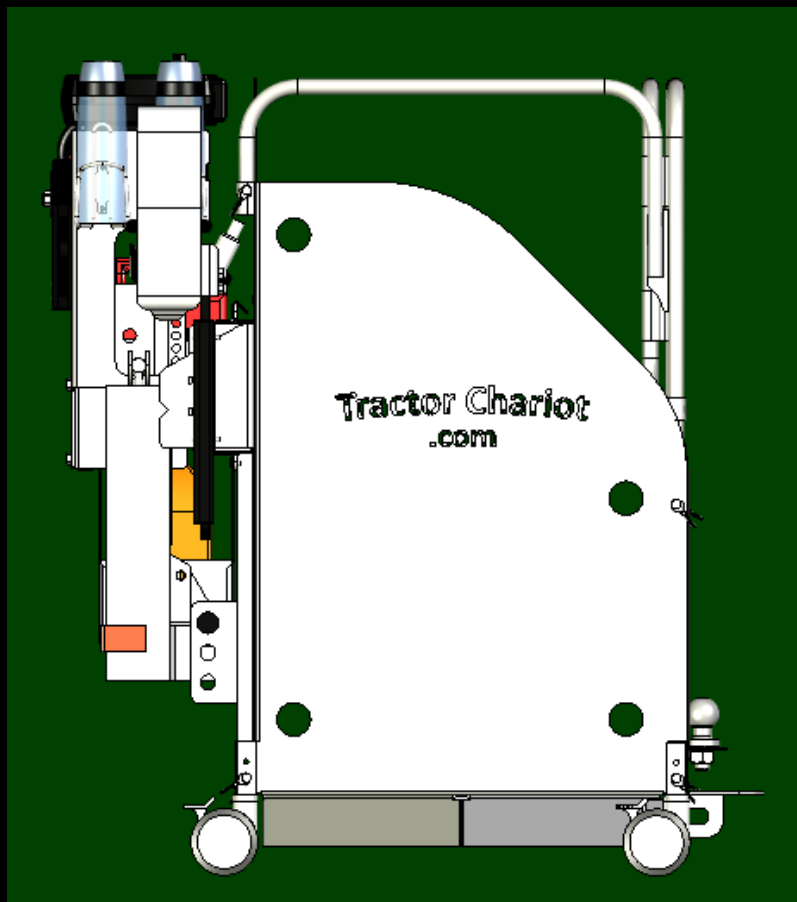
Top
Tractor Chariot & Tool Rack
View



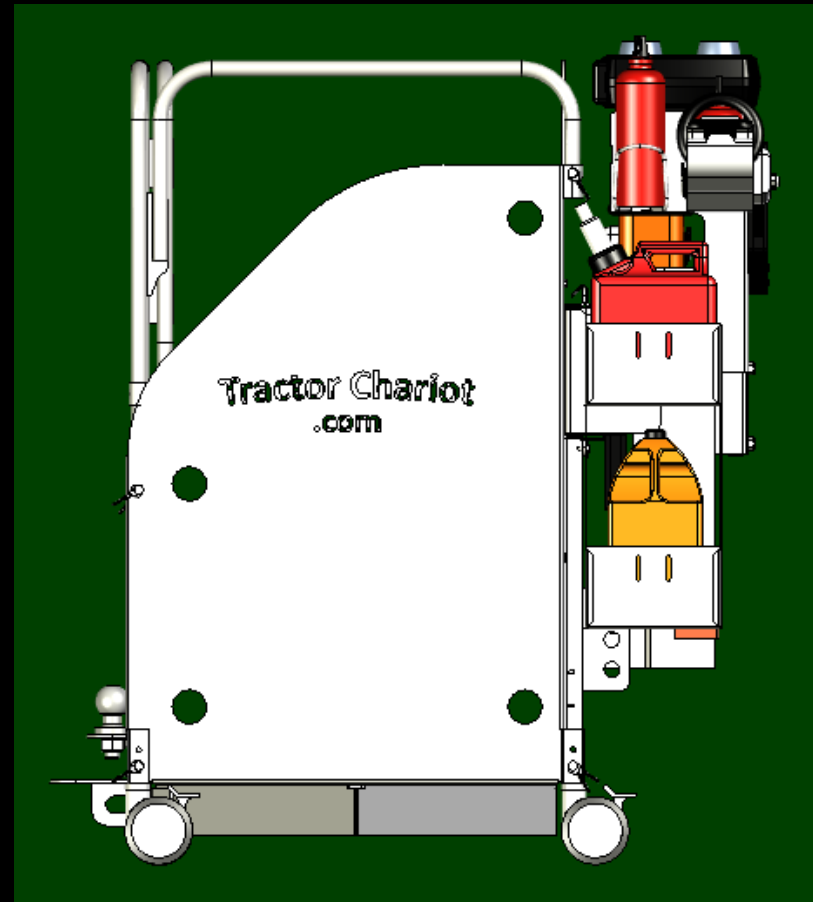
Bottom
Landscaping Drag
View



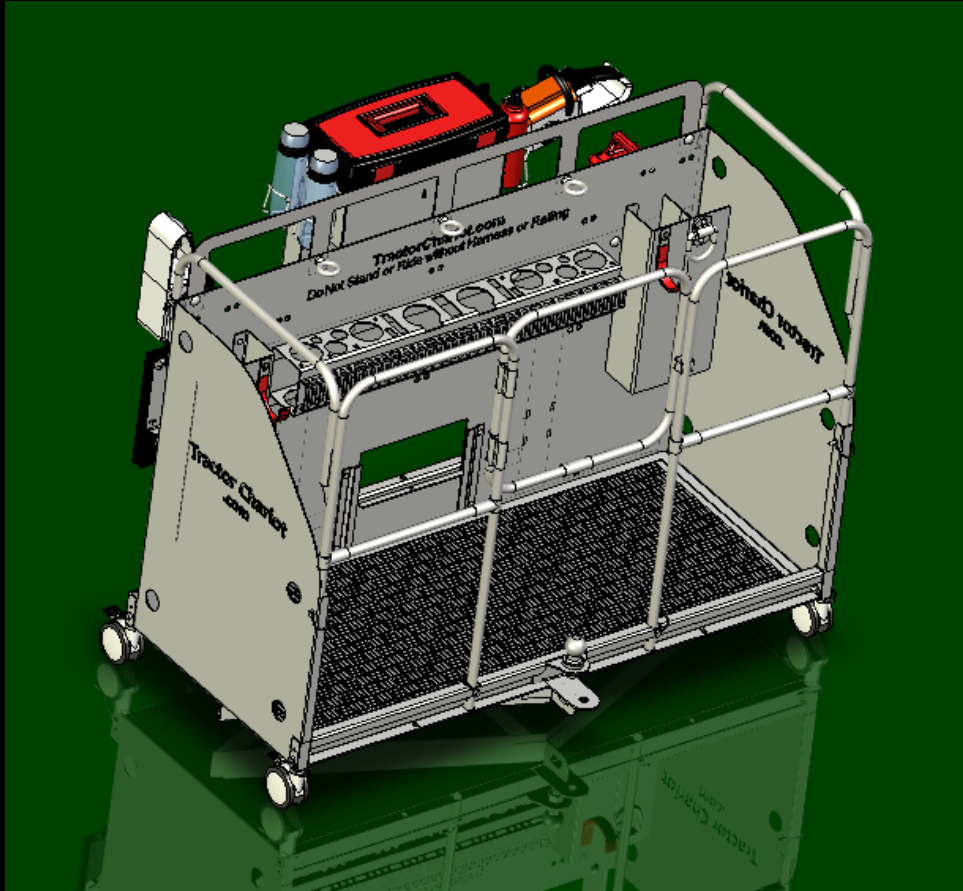
Left View
Tractor Chariot & Tool Rack



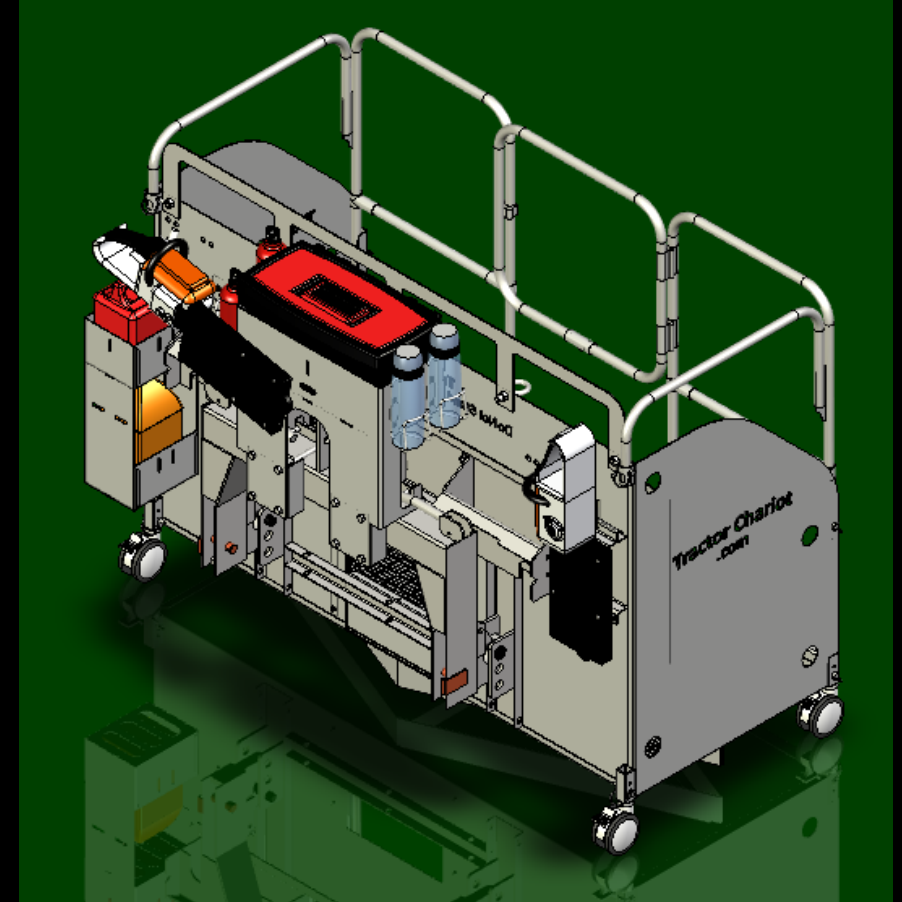
Right View
Tractor Chariot & Tool Rack



Front Angle View
Tractor Chariot & Tool Rack



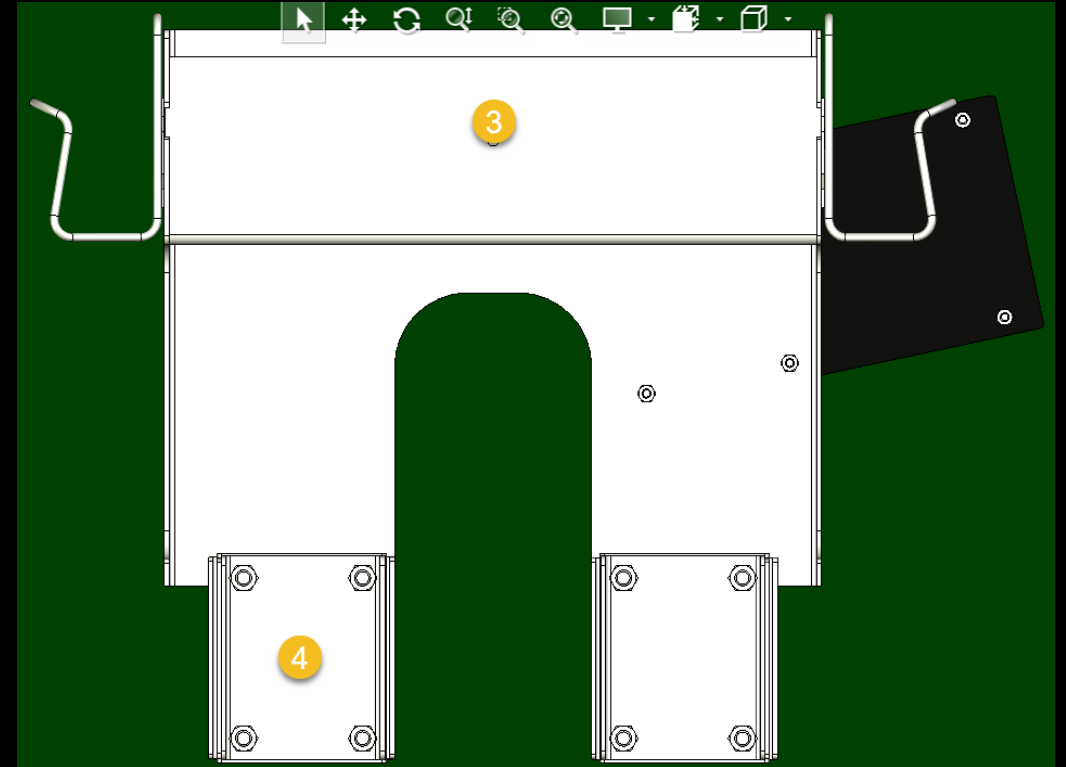
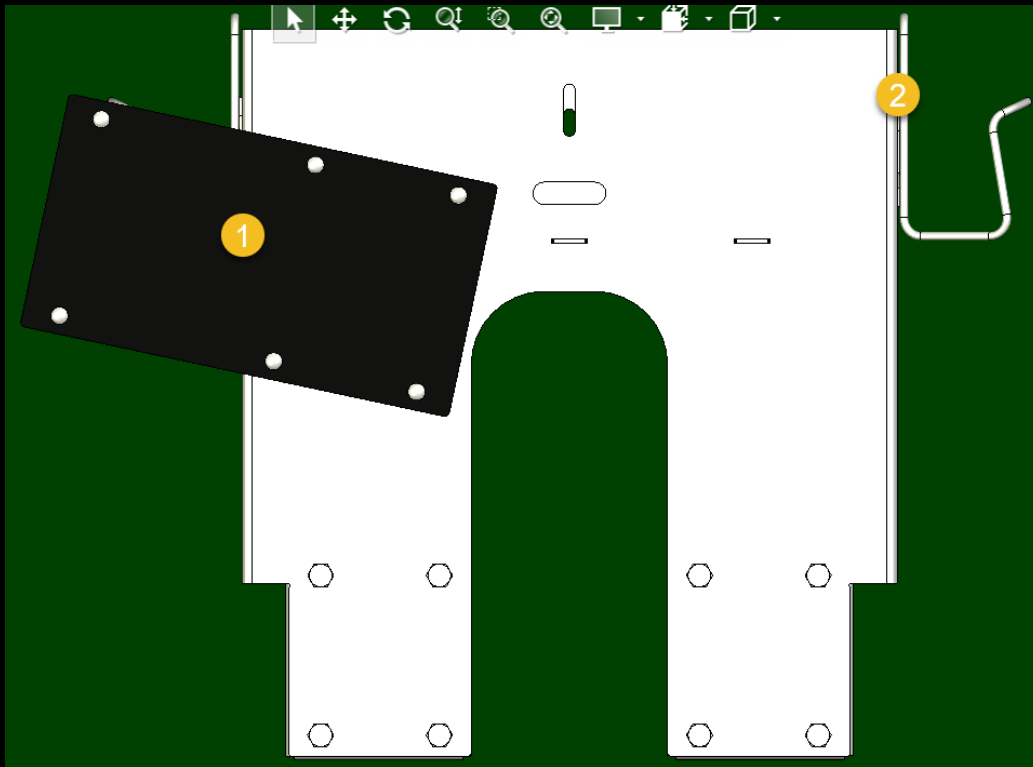
Rear Angle View
Tractor Chariot & Tool Rack

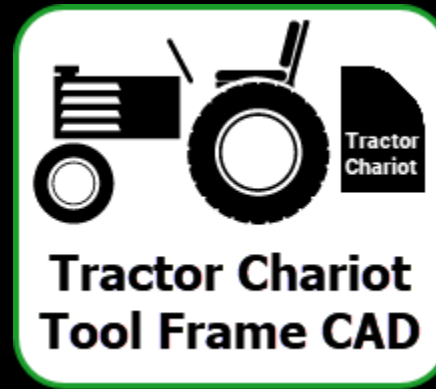




1. Chain Saw Scabbard
2. Bottle Holders

3. Removable Tool Box
4. Bolt On Brackets





The Tractor Chariot Tool Frame is currently in development for future release



- The Tool Frame is a multi-purpose attachment, that easily mounts to the Tractor Chariot
- A variety of Time Saving Tools and Utilities can be mounted on the Tool Frame and easily changed



ELECTRONIC DESIGN ASSOCIATES, LLC			Fab Cost	P-Coat Cost	Parts Cost
Tractor Chariot					
Gen 6 -2023					
Revision 2023-3-1 v1			1,610.07	280.00	99.01
CAD Parts Files & Non Fab Images			175.00	50.00	42.26
Assembly Drawings (Welds)			374.16	60.00	59.91
CAD Viewer - Animations -3D Renderings			2,159.23	390.00	201.18
Parts Fab Programs					
Powder Coat Specs					
HammerTone Prismatic - Hilltop Silver PLS-2334					
PPG Safety Yellow PCTZ30143					
Price Quote Date			6/25/2022	6/25/2022	6/25/2022



TRACTOR CHARIOT CORE							Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
Fab	PC			100.1	1	Chariot Body	12ga	245.38	100.00
Fab	PC			100.2	1	Chariot Body Left Side	12ga	281.18	
Fab	PC			100.3	1	Chariot Body Right Side	12ga		
Fab	PC			101.1	1	Chariot Base	12ga	198.59	75.00
Fab	PC			101.2	1	Chariot Bumper	7ga	135.07	25.00
Fab	PC			101.3	2	Chariot Drag Stand(Right Bend)	7ga	207.03	10.00
Fab	PC			101.4	2	Chariot Drag Stand(Left Bend)	7ga		
Fab	PC			101.5	1	Chariot Drag Stand Cross Member	7ga		
Fab	PC			102.1	1	Hitch Bracket	7ga	84.34	10.00
Fab	PC			102.2	1	Hitch Gusset	7ga		
Fab	PC			102.3	1	Hitch Flange	7ga		
Fab	PC			103.1	4	Bracket Tube - Wheel	12ga (7/16 Holes)		
Fab	PC			103.2	2	Bracket Tube - Railing	12ga (7/16 Holes)		
Fab	PC			104.1	1	Lift Assembly - Upper Channel	10ga	257.00	20.00
Fab	PC			104.2	2	Lift Assembly -Vertical Channel	10ga		
Fab	PC			104.3	1	Lift Assembly - Lower Channel	10ga		
Fab	PC			104.4	2	Lift Assembly - Upper 3 Point Bracket	5/16ga		
Fab	PC			104.5	4	Lift Assembly - Lower 3 Point Bracket	5/16ga		
Fab	PC			105.1	1	Grab Handle	5/16ga	73.38	10.00
			Bolt	105.1a	2	Carriage Bolts	1/2 x 1 1/4" #13 Grade 5		0.86
			Bolt	105.1b	5	Flange Nylock Lock Nuts	1/2 #13 Grade 5		0.25
			Bolt	105.1c	3	Eye Bolt, Shank Machinery Yellow Chromate	1/2" X 1-1/2"		8.97
Fab	PC			106.1	2	Drain Door	12ga	35.54	10.00
Fab	PC			107.1	2	Door Slider Rail	10ga		
			Bolt	107.1a	4	Carriage Bolts	1/4" x 3/4" #20 Grade 5		0.40
			Bolt	107.1b	4	Flange Nylock Lock Nuts	1/4" #20 Grade 5		0.25
Fab	PC			108.1	2	Tool Holder - Vertical - Attached	10ga	46.28	20.00
		Part		109.1	4	Caster Wheel - Square	3/4" Stem 5" Wheel		69.56
				109.1a		4 Locking Pin Zinc Double Wire Round	1/4 X 1-3/4"		4.40
		Part		110.1	1	Hitch Ball	2" Ball - 1 1/2" Shank		14.32
Fab		Part		111.1	1	Floor Mat (Apache Mills® Black 3' x 5')	Trim to 23 1/2" Wide	46.28	
							1,610.07	280.00	99.01



Tractor Chariot - Safety Railing							Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
Fab	PC			150.1	2	Railing	EMT 3/4" - 6" bends		
Fab	PC			150.2	2	Railing Hinge Post	Aluminum welded		
Fab	PC			150.3	2	Railing Cross Brace	EMT 3/4" - 6" bends		
		Part		150.3a	4	Railing Cross Brace T Connector	Silver		13.36
Fab	PC			150.4	2	Railing Side	EMT 3/4" - 6" bends	175.00	50.00
Fab	PC			150.5	1	Railing Door	EMT 3/4" - 6" bends		
		Part		150.5a	1	Door Coupler	Silver		4.95
		Part		150.5b	2	Door Hinges	Silver		16.00
		Part		150.5c	4	Door Spring Clamp Latch	Silver		7.95
		Part		150.5d	4	Self Tapping Screws	1/2" Silver		
							175.00	50.00	42.26
Tractor Chariot - Accessories - Tool Holders							Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
Fab	PC			200.1	1	Tool Rack - Horizontal	10ga	98.83	10.00
Fab	PC			201.1	2	Tool Holder - Vertical - Attachable	10ga	46.28	20.00
			Bolt	201.1a	8	Carriage Bolts	1/4" x 1/2" #20 Grade 5		0.59
			Bolt	201.1b	8	Flange Nylock Lock Nuts	1/4" #20		0.49
							145.11	30.00	1.08
Tractor Chariot - Accessories - Chain Saw Scabbard							Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
Fab	PC			210.1	1	Scabbard Bracket	10ga	38.85	10.00
			Bolt	210.1a	2	Hexhead Bolts	1/4" x 1/2" #20		0.32
			Bolt	210.1b	2	Flange Nylock Lock Nuts	1/4 #20		0.37
Fab				211.1	2	Scabbard Plate (Plastic)	L 12"x W 6 1/4"x D 1/4"	27.50	
Fab				211.2	2	Scabbard Spacer (Plastic)	L 12"x W 1"x D 1/2"		
			Bolt	211a	6	Hex head Bolts	1/4 x 1 1/4" #20 Grade 5		
			Bolt	211b	6	Flange Nylock Lock Nuts	1/4 #20		
			Bolt	211c	6	Washers	1/4 #20		
							66.35	10.00	0.69



Tractor Chariot - Accessories - Gas Holder								Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications		Cost	Cost	Cost
Fab	PC			220.1	1	Gas Holder - Front Bracket	14ga			
Fab				220.2	2	Gas Holder - Shelves (upper & lower)	14ga			
Fab				220.3	1	Gas Holder - Back	14ga			
		Bolt		220.3a	2	Hexhead Bolts	1/4" x 1/2" #20			0.31764
		Bolt		220.3b	2	Flange Nylock Lock Nuts	1/4 #20			0.37
										0.69
Tractor Chariot - Accessories - Drag Accessories								Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications		Cost	Cost	Cost
Fab	PC			230.1	2	Drag Side Panel	7ga			
Fab	PC			230.2	4	Drag Side Panel Post	Solid			
		Bolt		230.2a	8	Carriage Bolts - 1/4" x 1 1/4" #20				0.49
		Bolt		230.2b	8	Flange Nylock Lock Nuts	1/4" Grade 5 #20			0.49
Fab	PC			231.1	4	Drag Wear Bars	7ga			
		Bolt		231.1a	16	Carriage Bolts - 1/4" x 1 1/4" #20				0.49
		Bolt		231.1b	16	Flange Nylock Lock Nuts	1/4" Grade 5 #20			0.99
										2.45
Tractor Chariot - Accessories - Front Lift Brackets								Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications		Cost	Cost	Cost
Fab	PC			240.1	2	QAB - Upper Bracket Angle Bar	7ga	162.70	20.00	
Fab				240.2	2	QAB - Upper Bracket Side - Inside	7ga			
Fab				240.3	2	QAB - Upper Bracket Side - Outside	7ga			
Fab				240.4	2	QAB - Lower Bracket	7ga			
Fab				240.5	4	QAB - Lower Bracket Insert	7ga			
								162.70	20.00	



Tractor Chariot - Accessories							Fab	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
		Part		301	4	Gear Tie - 12"			4.88
		Part		302	3	Gear Tie - 24"			11.09
		Part		304	3	3 Point Hitch Pin			38.34
		Part		310	2	Heavy Duty Hook (for Vertical Tool Holder)			13.56
		Bolt		310a	2	Hexhead Bolts			0.21
		Bolt		310b	2	Flange Nylock Lock Nuts			0.12
		Part		320	2	Ring Plate(for Vertical Tool Holder)			1.99
		Bolt		320a	2	Hexhead Bolts			0.12
		Bolt		320b	2	Flange Nylock Lock Nuts			0.12
		Part		330	1	TAP-MOUNT® 48" Wall Mount Hang Rail			1.00
		Bolt		330a	2	Hexhead Bolts			0.12
		Bolt		330b	2	Flange Nylock Lock Nuts			0.12
		Part		331	2	Tap Mount Hooks			
		Part		340	1	Tow Cable - Steel Ring Chocker			45.00
		Part		341	1	D Ring Shackle - for Tractor Tongue			18.00
		Part		350	1	Body Harness			26.00
		Part		351	1	Body Harness Ring with Snap Hook			29.00
									55.00
QUICK HITCH - TOOL HOLDER							FAB	P-Coat	Parts
FAB	PC	Part	Bolt	Item #	Qty	Specifications	Cost	Cost	Cost
Fab	PC			500.1	1	Toolbox Side	55.17	40.00	
Fab	PC			500.2	1	Toolbox Top Shelf			
Fab	PC			500.3	1	Spacer Plate - Large (2" Flange)			
Fab	PC			500.4	1	Spacer Plate - Small (3/4" Flange)			
				500.4a	8	Hex head Bolts			12.40
				500.4b	8	Nylock Lock Nuts			0.72
				500.5c	16	Flat Steel Washers			0.80
							55.17	40.00	13.92



Quick Hitch - Tool Holder - Accessories						Fab Cost	P-Coat Cost	Parts Cost
FAB	PC	Part	Bolt	Item #	Qty	Specifications		
		Part		510	1	Toolbox - Rimax 5230-XP	16" x 8"	10.00
		Part		511	4	Bottle Holder - Black		13.98
			Bolt	511a	8	Hex head Bolts	1/4" x 1/2" #20	0.85
			Bolt	511b	8	Flange Nylock Lock Nuts	1/4" #20	0.49
		Part		512	2	Fuel Storage Bottle	750ml	30.00
		Part		513	2	Water Bottle (Red & Blue)	750ml	
								55.32
Quick Hitch - Tool Holder - Chain Saw Scabbard						Fab Cost	P-Coat Cost	Parts Cost
FAB	PC	Part	Bolt	Item #	Qty	Specifications		
Fab				211.1	2	Scabbard Plate (Plastic)	L 12"x W 6 1/4"x D 1/4"	27.50
Fab				211.2	2	Scabbard Spacer (Plastic)	L 12"x W 1"x D 1/2"	
			Bolt	211a	6	Hex head Bolts	1/4 x 1 1/4" #20 Grade 5	
			Bolt	211b	6	Flange Nylock Lock Nuts	1/4 #20	
			Bolt	211c	6	Washers	1/4 #20	
								27.50
Boxes - Packing - Materials						Box Cost		
FAB	PC	Part	Bolt	Item #	Qty	Specifications		
Fab				800	1	Chariot Shipping Pallet		125.00
						Tool Rack - Horizontal		6.44
						Tool Holder - Vertical		6.45
						Side Railings		18.85
						Scabbard Bracket	10ga	6.45
						QAB - Upper Bracket Angle Bar	7ga	6.81
						Toolbox Assembly	10ga	7.50
								177.50



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Product Trademark

Tractor Chariot

Quick Hitch Tool Rack

Tractor Chariot Tool Frame

Copyright Tag Lines

"Super Charge your Tractor"

"Every Tractor Needs a Chariot"

"The Essential Tractor Implement"

"Much more than a Carry All"

"Time Saving Tools"

"Time Saving Landscaping Tools"

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Web Domains

TractorChariot.com

PleasantValleyImplements.com

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Original Tractor Chariot



Original Tractor Chariot





Early Generations

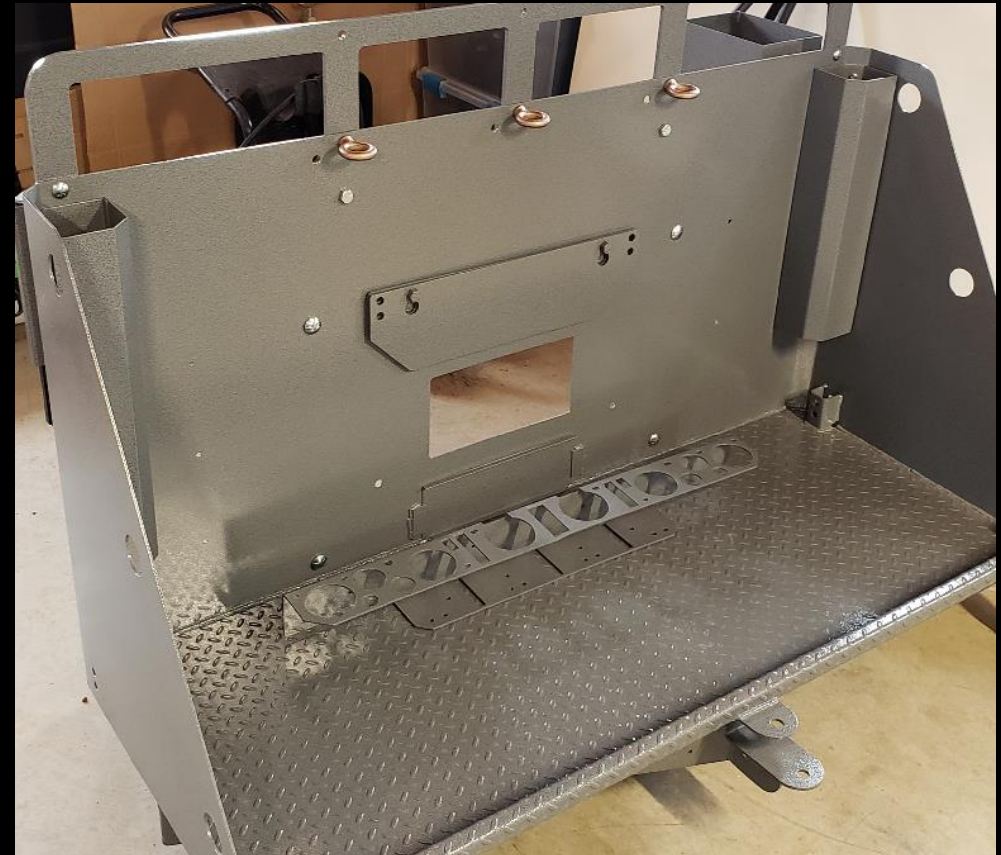




Generation 2



Generation 3





Generation 4



Generation 5



