



THE FUTURE OF GSE

AIRCRAFT GROUND SUPPORT EQUIPMENT
SALES AND SERVICE





WHY AVRO

As one of North America's premier **full-service ground handling equipment suppliers**, with a 25-year history of equipment sales and support, we know the urgency of reducing downtime and we understand the pressing need for immediate support and service.

For ground handlers and major airlines who are facing tighter deadlines, increased turnarounds and increasing pressure to meet on time departures, Avro GSE offers innovative and flexible equipment with leading edge support that enable our customers to service the most demanding environments, safely and efficiently.

Avro GSE is challenging the status quo in the aviation industry by delivering a flexible package, so our customers can capitalize on equipment in-stock with flexible purchase and ownership options.

TABLE OF CONTENTS

Why Avro	2
Finance and Leasing Options	4
Parts and Service Commitment	6
Baggage Tractors	8
Belt Loaders	12
Pushback Tractors	14
Water Service	16
Lavatory Service	18
Fuel Service	20
Bottle Service	22
Trash Service	22
Baggage Carts	24
Cargo Dollies	26
Warranty	30



FINANCE AND LEASING OPTIONS

Avro provides multiple finance, leasing, purchase and rental options to make procuring GSE as easy and simple as possible for the requirements of your specific circumstances.



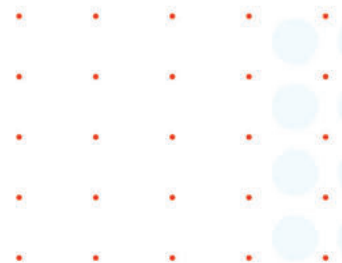
CASH PURCHASE

This is the most cost-effective option for ground handlers if calculated over the entire life-time of the equipment.



LEASING

With a fixed monthly cost, new equipment every 3-5 years, and very little capital required, leasing can be a great option for newer ground handlers or ground handlers with short-term contracts.





FINANCING

Choosing to finance means the ground support equipment belongs to the customer at the end of the financing term and is less capital intensive.



RENTAL

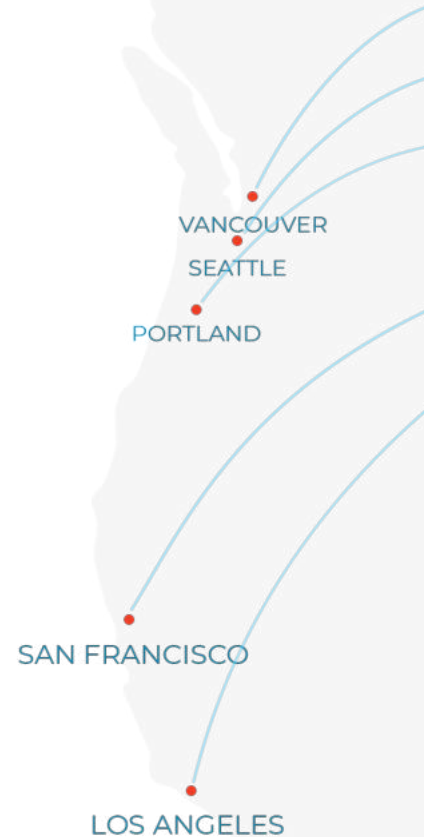
This option is ideal for short-term requirements where increased flexibility is needed, or when equipment is needed for emergency situations.

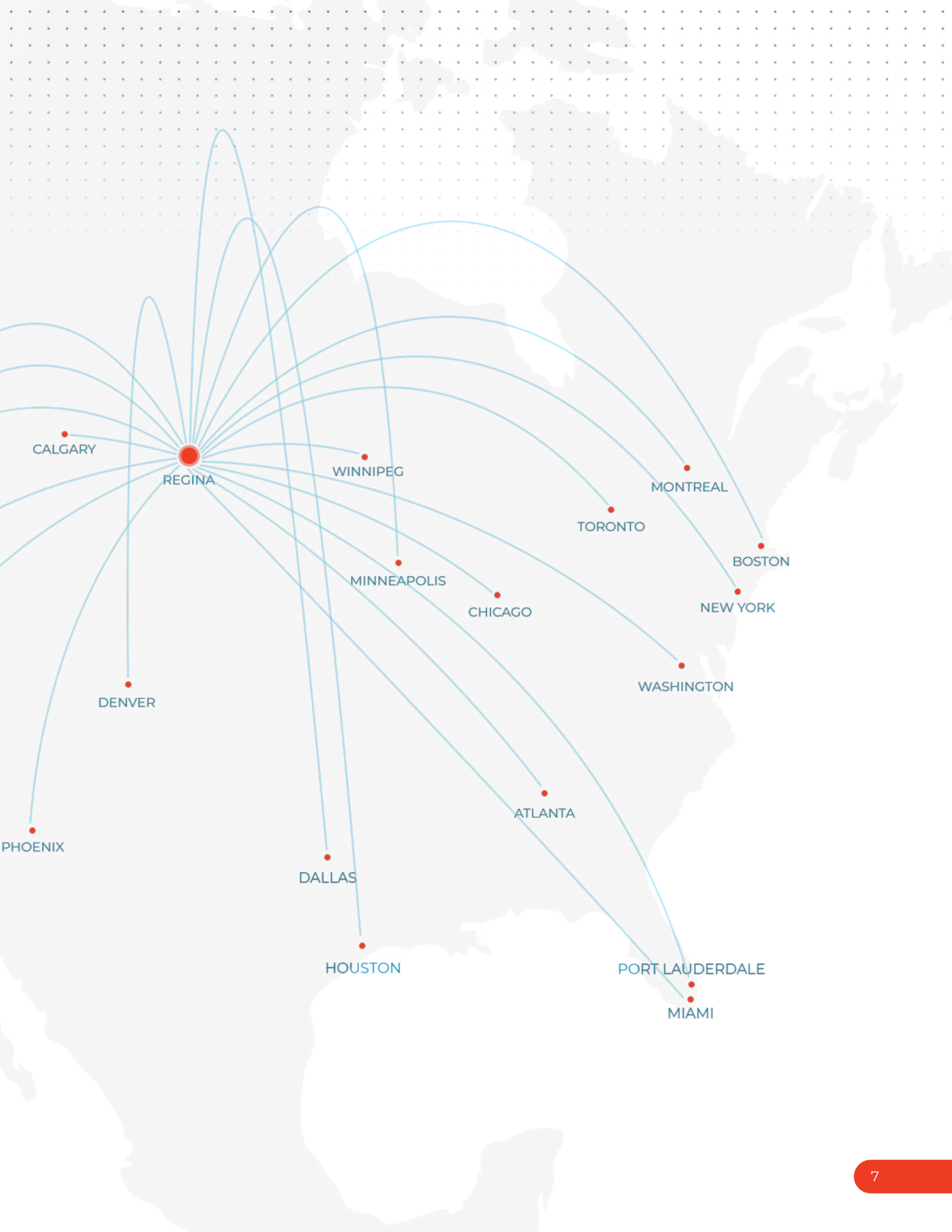
PARTS AND SERVICE COMMITMENT

Avro GSE equipment is designed with our customer's needs in mind. Similarly, our Avro Care program is developed to help reduce downtime while maximizing the performance, value and efficiency of your fleet. We provide quick access to parts and service for all the equipment that we supply and maintain the highest standards for exceptional after-sales support and maintenance.

Through our parts commitment, Avro GSE guarantees:

- Rapid delivery of parts and supplies for North American customers
- Dedicated sourcing resource
- Online parts management for convenient ordering





BAGGAGE TRACTORS

XT SERIES

Standard cab enclosure with windshield, wiper kit & rear window protection cage

Increased visibility of the tarmac for drivers

LED lighting

Front and rear towing hitches included



AVRO XT560G

Avro Baggage Tractors incorporate the latest equipment design concepts for maximizing operational efficiency, durability, and performance while minimizing cost of ownership.

Halogen and LED lights are bright, energy efficient and long-lasting. Window size and placement provide increased visibility and safety while the automotive style console provides a familiar operating environment for drivers.

FEATURES & BENEFITS

- Hydraulic steering system
- Front and rear towing couplers with rear cab control
- Standard cab enclosure with windshield and wiper kit
- Digital controller with self-diagnosis function
- Vacuum assist hydraulic braking system
- Optional Onboard Telemetry System



LED controller with EMC and water-dust prevention



AVRO XT560G

XT Baggage Tractor - Gasoline

Our Avro XT560G Baggage Tractor is gasoline-powered, and is Avro's most popular baggage tractor model. Designed to exceed expectations and deliver extraordinary ROI with a DBP of 5,600lb, it's no wonder this model is a popular choice with ground handlers!

Power Type	Gasoline
DBP	5,600lb
Gross Vehicle Weight	9,529lb (4,200kg)
Width	57in (1,440mm)
Height	57in (1,450mm)
Height (inc. Cab & Beacon)	78in (1,980mm)
Length	113in (2,880mm)



AVRO XT670D

XT Baggage Tractor - Diesel

Powered by diesel, the Avro XT670D truly is a next generation baggage tractor. This model has a DBP of 6,700lb and is able to tow cargo from any position, front or back.

Power Type	Diesel (Tier 4)
DBP	6,700lb
Gross Vehicle Weight	9,921lb (4,500kg)
Width	57in (1,440mm)
Height	57in (1,450mm)
Height (inc. Cab & Beacon)	79in (1,998mm)
Length	113in (2,880mm)



AVRO XT500LI

XT Baggage Tractor - Lithium Electric



Perfect for the environmentally-conscious ground handler, our Avro XT500LI Baggage Tractor is powered by a lithium-electric battery, sparing you the need for fuel and cutting your operational costs. This model has a DBP of 5,000lb.

Power Type	Lithium Electric
DBP	5,000lb
Gross Vehicle Weight	8,289lb (3,760kg)
Width	57in (1,440mm)
Height	57in (1,450mm)
Height (inc. Cab & Beacon)	83in (2,100mm)
Length	113in (2,880mm)

BAGGAGE TRACTORS

ST SERIES

Standard cab enclosure with windshield, wiper kit & rear window protection cage

LED lighting

Easily accessible battery compartment with integrated system

Front and rear towing hitches included



Avro ST Baggage Tractors incorporate the latest equipment design concepts for maximizing operational efficiency, durability, and performance while minimizing cost of ownership.

Halogen and LED lights are bright, energy efficient and long-lasting. Window size and placement provide increased visibility and safety while the automotive style console provides a familiar operating environment for drivers.

FEATURES & BENEFITS

- Hydraulic steering system
- Front and rear towing couplers with rear cab control
- Standard cab enclosure with windshield and wiper kit
- Curtis control system
- Vacuum assist hydraulic braking system
- Optional Onboard Telemetry System



LED controller with EMC and water-dust prevention



Micro-switch Inching Controls



AVRO ST470LA

ST Baggage Tractor - Lead Acid Electric



Powered by a lead-acid battery, our customers not only enjoy the low maintenance and cost-savings that come with the Avro ST470LA Baggage Tractor, but the ability to tow from front or back. This model has a DBP of 4,700lbs.

Power Type	Lead Acid Electric
DBP	4,700lb
Gross Vehicle Weight	9,921lb (4,500kg)
Width	56in (1,420mm)
Height	59in (1,500mm)
Height (inc. Cab & Beacon)	76in (1,940mm)
Length	142in (3,615mm)

BELT LOADERS

Standard Collision Avoidance System (CAS)
Dual belt height adjustment
Variable belt speed
LED lighting



AVRO BL30G

The Avro Belt Loaders combine engine power with energy efficiency and are available in electric, gasoline, or diesel engine configurations. Units are equipped with hydraulic steering and braking systems to provide safe and controlled maneuverability.

End-to-end conveyor height adjustment allows Avro Belt Loaders to operate in a wide variety of passenger and cargo loading environments while dual belt controls provide smooth, variable speed control over belt operation.

FEATURES & BENEFITS

- Hydraulic steering system
- CAS (Collision Avoidance System) comes as Standard
- Digital controller with self-diagnosis function
- Vacuum assist hydraulic brakes
- Front & Rear Belt Height Adjustment with Variable Belt Speed
- Optional Onboard Telemetry System



LED controller with EMC and water-dust prevention



AVRO BL30G

Belt Loader - Gasoline

Safely and smoothly load your cargo with our Avro BL30G propane compatible gasoline-powered conveyor belt loader.

Power Type	Gasoline
Gross Vehicle Weight	8,378lb (3,800kg)
Height	79in (1,995mm)
Width	83in (2,120mm)
Length	319in (8,090mm)
Conveyor Length	315in (8,000mm)
Conveyor Width	44in (1,125mm)
Belt Width	28in (700mm)
Capacity	91lb/ft (135kg/m)

AVRO BL30D

Belt Loader - Diesel

Our Avro BL30D diesel-powered belt loader is a fuel efficient, conveyor-style belt loader equipped with hydraulic steering and hydraulic stabilizers for smooth operation.

Power Type	Diesel (Tier 4)
Gross Vehicle Weight	8,378lb (3,800kg)
Height	79in (1,995mm)
Width	83in (2,120mm)
Length	319in (8,090mm)
Conveyor Length	315in (8,000mm)
Conveyor Width	44in (1,125mm)
Belt Width	28in (700mm)
Capacity	91lb/ft (135kg/m)

AVRO BL30LA

Belt Loader - Lead Acid Electric



Powered by a lead-acid electric battery, our Avro BL30LA Belt Loader is perfect for the eco-friendly ground handler looking to limit their carbon footprint and maximize their cost savings while doing so.

Power Type	Lead Acid Electric
Gross Vehicle Weight	8,378lb (3,800kg)
Height	79in (1995mm)
Width	83in (2,120mm)
Length	319in (8,090mm)
Conveyor Length	315in (8,000mm)
Conveyor Width	44in (1125mm)
Belt Width	28in (700mm)
Capacity	91lb/ft (135kg/m)

PUSHBACK TRACTORS

Standard cab enclosure with windshield, wiper kit & automotive style controls

LED lighting

Extended tow hitch for better visibility



AVRO PT2680D

Avro Pushback Tractors offer leading edge performance and functionality. They are designed to deliver extraordinary ROI in the form of fuel efficiency, high reliability and lifetime durability.

Avro Pushback Tractors feature hydraulic steering, front and rear towing couplers, four-wheel drive and steering. A heated cab enclosure includes front and rear windshield and wiper kits, and vacuum assist hydraulic brakes.

FEATURES & BENEFITS

- Hydraulic 4-wheel steering system
- Front and rear towing couplers
- Standard heated cab enclosure with front windshield and wiper kits
- Curtis controller with self-diagnosis function
- Vacuum assist hydraulic braking system
- Optional Onboard Telemetry System



LED controller with EMC and water-dust prevention



AVRO PT2690D

Pushback Tractor - Diesel

Our powerful Avro PT2690D diesel-powered pushback tractor includes front and rear towing couplers, as well as a standard heated cab enclosure.

Power Type	Diesel
DBP	26,900lb
Gross Vehicle Weight	34,392lb (15,600kg)
Width	87in (2,200mm)
Height (inc. Cab & Beacon)	74in (1,880mm)
Length	223in (5,660mm)

WATER SERVICE

The Avro Potable Water Cart is a durable and maneuverable unit and comes with a 12-volt pump, battery and charger. Optional enhancements include a winter heat package, 12-foot water hose with aircraft coupler, flow meter and is available in a galvanized version.



AVPW120

AVPWC120

120G Potable Water Cart

The 120G Potable Water Cart is the perfect towable cart for servicing corporate aircrafts and small regional jets as it is equipped with a 120-gallon poly water tank. This potable water cart is powered with a 12-volt electric pump and has a winterization package installed to keep all components and liquids from freezing.



Tank Capacity
Tank Material
Pump
Hose

120G
Stainless Steel
12V Electric
12ft w/ aircraft coupler



AVPWC250

250G Potable Water Cart

The 250G Potable Water Cart is a versatile water cart that is capable of providing potable water service to mid-size aircraft and has the capacity to service most wide body aircraft as it is equipped with a 250-gallon poly water tank. This potable water cart is powered with a 12-volt electric pump and an onboard battery charger provides charging capabilities when the cart is not in service.

Tank Capacity	250G
Tank Material	Stainless Steel
Pump	12V Electric
Hose	12ft w/ aircraft coupler

AVPWC450

450G Potable Water Cart

The 450G Potable Water Cart is a versatile water cart capable of providing potable water service to mid-size aircrafts and has the capacity to service most wide body aircrafts as it is equipped with a 450-gallon stainless steel water tank. This cart comes delivered with everything needed to begin aircraft potable water service including aircraft hoses and couplings.

Tank Capacity	450G
Tank Material	Stainless Steel
Pump	12V Electric
Hose	12ft w/ aircraft coupler

LAVATORY SERVICE

For efficient aircraft service, Avro's Lavatory Service Cars combine durability, flexibility and maneuverability with 120, 250, and 450 gallon versions. All lavatory carts are equipped with everything needed to provide aircraft lavatory service including aircraft hoses and couplings for both the waste and flush side of the operation as well as liquid flow meter.



AVLVC450



AVLVC120

120G Lavatory Cart

The 120G Lavatory Cart is the perfect towable cart for servicing corporate aircraft all the way up to small regional jets as it is equipped with a 90-gallon poly waste tank and 30-gallon poly blue water tank.

Tank Capacity	Waste: 90G, Flush: 30G
Tank Material	Stainless Steel
Pump	Electric
Hose	7ft dump / 12ft flush with aircraft couplers



AVLVC250

250G Lavatory Cart

The LVC 250 is a versatile lavatory cart that is capable of providing lavatory services to small regional jets and has the capacity to handle most wide-body aircrafts as well. It is equipped with a 150-gallon poly waste tank and 100-gallon poly blue water tank.

Tank Capacity	Waste: 150G, Flush: 100G
Tank Material	Stainless Steel
Pump	Electric
Hose	12ft dump / 12ft flush with aircraft couplers



AVLVC450

450G Lavatory Cart

The 450G Lavatory Cart is a versatile lavatory cart that is capable of providing lavatory services to mid-size aircrafts and has the capacity to handle most wide-body aircrafts as well. It is equipped with a 250-gallon stainless steel waste tank and 150-gallon stainless steel blue water tank.

Tank Capacity	Waste: 250G, Flush: 150G
Tank Material	Stainless Steel
Pump	Electric
Hose	12ft dump / 12ft flush with aircraft couplers



AVLVC250LP

250G Low-Profile Lavatory Cart

The 250G Low-Profile Lavatory Cart is a perfect fit when servicing small to mid-size low wing aircrafts, as this low-profile lavatory cart is equipped with a 150-gallon poly waste tank and 100-gallon poly blue water tank.

Tank Capacity	Waste: 150G, Flush: 100G
Tank Material	Stainless Steel
Pump	Electric

FUEL SERVICE

For short term fuel storage or refueling, our durable fuel carts and tanks can be easily and rapidly transported on-site so you can keep pace and stay safe in the most demanding environments. Our diverse line of fuel carts and tanks offer versatility and dependability with features like fifth wheel steering with full 360 degree rotation, ergonomic torsion relief tow bar and tow bar activated braking systems.

Several of our carts can be configured with one or two tanks and come with a rotary hand pump, liquid flow meter, static grounding reel and fire extingisher.



AVFSC600GD

AVFSC300G

300G Fuel Cart - Gasoline



With a 300-gallon capacity, Avro's 300G Gasoline Fuel Cart is built strong using heavy gauge steel, and is protected by a tough powder coat finish and steel identification tag for inventory asset tracking.

Tank Capacity	300G
Tank Material	Steel
Hose	12ft w/Nozzle
Static Ground Rel	20ft

AVFSC300D

300G Fuel Cart - Diesel



With a 300-gallon capacity, Avro's 300G Diesel Fuel Cart is built strong using heavy gauge steel, and is protected by a tough powder coat finish and steel identification tag for inventory asset tracking.

Tank Capacity	300G
Tank Material	Steel
Pump	12ft w/Nozzle
Hose	20ft

AVFSC550G

550G Fuel Cart - Gasoline



The 550-gallon Gasoline bulk fuel tank can be configured with a rotary hand pump, secondary containment tank, liquid flow meter, static grounding reel and fire extinguisher. Avro also supplies a fuel hose with safety fuel nozzle and nozzle holder - just add fuel after delivery and this towable fuelling cart is ready to be put into operation.

Tank Capacity	550G
Tank Material	Steel
Hose	12ft w/Nozzle
Static Ground Rel	20ft

AVFSC550D

550G Fuel Cart - Diesel



The 550-gallon Diesel bulk fuel tank can be configured with a rotary hand pump, secondary containment tank, liquid flow meter, static grounding reel and fire extinguisher. Avro also supplies a fuel hose with safety fuel nozzle and nozzle holder - just add fuel after delivery and this towable fuelling cart is ready to be put into operation.

Tank Capacity	550G
Tank Material	Steel
Hose	12ft w/Nozzle (x2)
Static Ground Rel	12ft w/Nozzle (x2)

AVFSC600GD

300G Dual-Fuel Cart - Gasoline & Diesel



Avro's 300G Dual Fuel Cart utilizes the best of both worlds, with options for both gasoline and diesel. This fuelling cart utilizes fifth wheel steering with full 360-degree rotation and is highly manoeuvrable in tight spaces.

Tank Capacity	600G
Tank Material	Steel
Hose	12ft w/Nozzle
Static Ground Rel	20ft

BOTTLE SERVICE

Effortlessly carry up to 6 bottles of oxygen and nitrogen with Avro Bottle Service Carts. These durable carts come with bottle straps and can be tilted for easy loading and removal. Optionally configure your bottle service carts as a galvanized unit with high pressure booster and hose reel.



TRASH SERVICE

Avro's trash service equipment is built strong with heavy gauge steel, and designed with the operator in mind, with ease-of-use features such as sloped, leak proof flooring and ergonomic torsion relief tow bars. Our trash carts can be used for domestic trash service as well as quarantining trash service.



AVBSC001N

Nitrogen Bottle Service Cart

Avro's Nitrogen Bottle Service Cart utilizes fifth wheel steering with full 360-degree rotation, and is highly maneuverable in tight spaces. It also features an ergonomic torsion relief tow bar that when released, will not hit the ground.

Tank Capacity

Up to 6 Bottles

AVBSC001O

Oxygen Bottle Service Cart

Avro's Oxygen Bottle Service Cart features a tow bar activated braking system, which applies the break with the use of the tow bar. The cart can be configured with oxygen and or nitrogen regulator, gauges, and hoses and has the capacity to carry up to six bottles.

Tank Capacity

Up to 6 Bottles

AVTCA001

Covered Trash Cart

This Covered Trash Cart can be used for domestic trash service, as well as quarantining trash from international flights prior to inspection. Large refuse-style poly lids provide easy access to collect trash

Tank Capacity

120G

Tank Material

Steel

BAGGAGE CARTS

Avro's sturdy line of baggage carts includes both open and enclosed baggage cart options for your baggage transportation needs. Our baggage carts utilize fifth wheel steering with full 360-degree rotation and are highly maneuverable in tight spaces. Our baggage carts also feature an ergonomic torsion relief tow bar that when released, will not hit the ground.



AVCBC001



AVCBC001

Covered Baggage Cart

Avro's covered baggage cart is built strong with heavy gauge steel and is coated with a hard powder coat finish and identification tag for inventory asset tracking.

Capacity 5,000lb (2,267kg)



AVOBC001

Open Baggage Cart

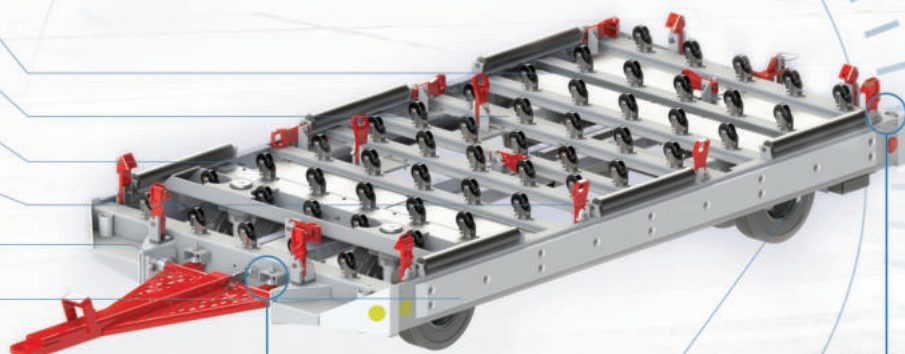
Avro's open baggage cart utilizes fifth wheel steering with full 360-degree rotation and is highly maneuverable in tight spaces. It also features an ergonomic torsion relief tow bar that when released, will not hit the ground.

Capacity 5,000lb (2,267kg)

CARGO DOLLIES

PCT500 SERIES LD8

- Cargo capacity up to 15,000 lb
- Standard or upgraded caster options
- Galvanized for longer life
- Truly universal lock configuration
- Towbar activated braking
- Optional side rub rails
- Solid tires with optional wheel covers / splash guards

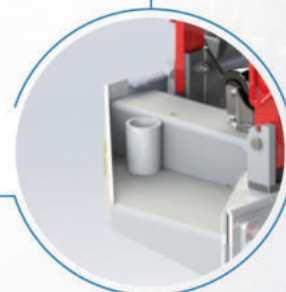


Adjustable height towbar deadlock with height adjustment



Built from durable steel, Avro's line of cargo dollies keep ground handling comfort in mind with a tow bar activated braking system, which applies the break with the use of the tow bar. Our cargo dollies come in varying capacity for your cargo transport needs. All of Avro's cargo dollies come with a 12-month warranty.

Stackable for shipping and storage





PCT500-OC

LD8 Container Dolly - Open Caster

Avro's Combination Container Dolly with open caster features spring-loaded tip-up pallet stops, towbar actuated brakes and front dual wheel swivel casters with dual rear wheels.

Capacity 2x LD2, LD3, LD8, LD11



**Open caster version with side rub rails shown*

PCT500-C

LD8 Container Dolly - Enclosed Caster

Avro's Combination Container Dolly with enclosed caster features spring-loaded tip-up pallet stops, towbar actuated brakes and front dual wheel swivel casters with dual rear wheels.

Capacity 2x LD2, LD3, LD8, LD11

CARGO DOLLIES

PCT600 SERIES

- Cargo capacity up to 15,000 lb
- Standard or upgraded caster options
- Galvanized for longer life
- Truly universal lock configuration
- Towbar activated braking
- Optional side rub rails
- Solid tires with optional wheel covers / splash guards



Adjustable height towbar
deadlock with height adjustment



Built from durable steel, Avro's line of cargo dollies keep ground handling comfort in mind with a tow bar activated braking system, which applies the break with the use of the tow bar. Our cargo dollies come in varying capacity for your cargo transport needs. All of Avro's cargo dollies come with a 12-month warranty.

Stackable for shipping and storage





PCT600-OC

Universal Pallet Container Dolly - Open Caster

Avro's Combination Container Dolly with open caster features spring-loaded tip-up pallet stops, towbar actuated brakes and front dual wheel swivel casters with dual rear wheels.

Capacity LD2x2, LD3x2, LD4, LD7, LD8, LD11
88in x 125 pallet, 96in x 125in pallet



PCT600-C

Universal Pallet Container Dolly - Enclosed Caster

Avro's Universal Pallet Container Dolly with enclosed caster features a fully enclosed caster bed with fork pockets for safer operation and increased longevity.

Capacity LD2x2, LD3x2, LD4, LD7, LD8, LD11
88in x 125 pallet, 96in x 125in pallet

WARRANTY

Ground support equipment is only as good as the warranty that backs it. Here at Avro GSE, we know that continuous operations are important to ground handlers, which is why we provide a responsive and robust warranty program to back our quality equipment.

Enjoy the comfort of Avro's warranty, which includes:

- ▶ **RAPID WARRANTY RESPONSE**
- ▶ **DEMO PROGRAMS**
- ▶ **QUICK SERVICE, REPAIRS AND SUPPORT**





4 Great Plains Industrial Dr.
Emerald Park, Saskatchewan
Canada S4L 1B6

306-988-1678 • info@avrogse.com
avrogse.com