

# Commodore™ DUO and Voyager™ DUO



Innovations in Interim & Deep Carpet Extraction

Multiple options in ONE machine, iCapsol interim cleaning, and deep extraction cleaning.



- » Change from interim to deep cleaning process at the turn of a switch—no mechanical changeover needed.
- » Deluxe models are equipped with dual chemical tanks, allowing instant change from one chemical to another. This provides multiple cleaning options with no draining of tanks.
- » Floating, dual counter-rotating brushes agitate the cleaning solution into both sides of the carpet nap for even, thorough cleaning and improved carpet appearance. No operator adjustment needed.
- » With the interim method using the iCapsol encapsulating chemical, the carpet is dry and ready for traffic in approximately 20 minutes.
- » Low dBA of 59 during interim cleaning (Voyager DUO) and 63 (Commodore DUO).
- » iCapsol interim cleaning process extends the time between scheduled deep extractions.
- » Dual floating vac shoes with glide strip provide consistent contact over uneven surfaces and increased solution pick-up.

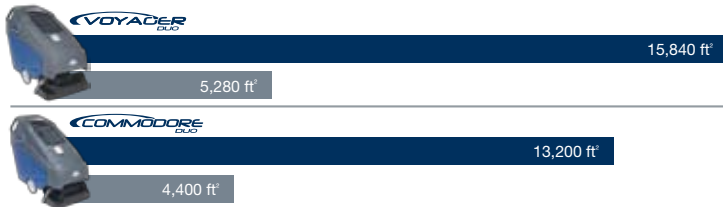




## Technical Specifications

Model:	Voyager DUO (Basic)	Voyager DUO (Deluxe)	Commodore DUO (Basic)	Commodore DUO (Deluxe)
Construction:	Powder-coated steel chassis, Rotationally-molded polyethylene tanks	Same	Same	Same
Vacuum Motor:	Two, 3 stage, 0.75 hp (560 watts)	Same	3 stage, 0.75 hp (560 watts),	Two, 3 stage, 0.75 hp (560 watts)
Solution Pump:	100 psi, diaphragm style, demand pump	Same	Same	Same
Brush Motor:	0.5 hp (373 watts)	Same	Same	Same
Drive System:	Transaxle, self-propelled	Same	Same	Same
Drive Motor:	0.74 hp (552 watts) DC, variable forward and reverse	Same	0.5 hp (373 watts) DC, variable forward and reverse	Same
Cleaning Path:	24" (61 cm) dual counter-rotating brushes	Same	20" (50.8 cm) dual counter-rotating brushes	Same
Cleaning Rate				
Interim:	1.5 mph (2.4 kph)	Same	Same	Same
Restorative:	0.5 mph (0.8 kph)	Same	Same	Same
Transport:	2.4 mph (3.9 kph)	Same	Same	Same
Cleaning Rate				
Interim:	15,840 ft <sup>2</sup> /hr (1,472 m <sup>2</sup> /hr)	Same	13,200 ft <sup>2</sup> /hr (1226 m <sup>2</sup> /hr)	Same
Restorative:	5,280 ft <sup>2</sup> /hr (491 m <sup>2</sup> /hr)	Same	4,400 ft <sup>2</sup> /hr (409 m <sup>2</sup> /hr)	Same
Solution Capacity:	31 gallon (119 ltr)	Same	19 gallon (73 ltr)	Same
Recovery Capacity:	22 gallon (83 ltr)	Same	17 gallon (66 ltr)	Same
Chemical Tanks				
Tank A:	N/A	2.06 gallon (7.78 ltr)	N/A	1.22 gallon (4.62 ltr)
Tank B:	N/A	0.55 gallon (2.09 ltr)	N/A	0.33 gallon (1.24 ltr)
Brush Speed:	1000 rpm	Same	Same	Same
Vacuum Shoe:	Dual floating 26" path (66 cm) with low friction glide	Same	Dual floating 24" path (61 cm) with low friction glide	Same
Electrical System:	36V	Same	Same	Same
Batteries (Optional):	Three, 12V deep cycle, 195 or 215 A/H	Same	Three, 12V deep cycle, 130, 195 or 215 A/H	Same
Battery Charger (Optional):	36V, 20A shelf	Same	Same	Same
Solution Spray:	Two restorative, quick change nozzles, Two interim, quick change nozzles, optional low flow jets	Same	Same	Same
Noise Level:				
Interim:	59 dBA	59 dBA	63 dBA	63 dBA
Deep:	69 dBA	69 dBA	71 dBA	71 dBA
Flow Rate				
Interim:	0.24 gpm (0.91 lpm)	Same	Same	Same
Restorative:	1.05 gpm (3.97 lpm)	Same	Same	Same
Wheels (non-marking)				
Front:	Two, 9" (22.9 cm) wheels	Same	Same	Same
Rear:	Two, 4" (10 cm)	Same	Same	Same
Dimensions (L x W x H):	59" x 32" x 43" (149.9 cm x 81.3 cm x 109 cm)	Same	54" x 27" x 43" (137.2 cm x 68.6 cm x 109 cm)	Same
Battery Exchange (Optional):	Includes two battery carts, two trays, extra battery cables, set of three, 12V deep cycle, 195 or 215 A/H batteries	Same	Same	Same
Battery Exchange Construction:	Welded, powder-coated steel, Two, 4" (10 cm) non-marking casters, Two, 4" (10 cm) non-marking wheels	Same	Same	Same

Specifications are subject to change without notice.



### DUO Productivity

#### Interim Cleaning

Per Hour at 1.5 mph

#### Restorative Deep Cleaning

Per Hour at 0.5 mph

### Performance Features



#### Dual Vac Shoes

Dual overlapping vacuum shoes with glide strips provide complete and powerful pick-up.



#### Dual Tanks

- Easy-to-fill tanks provide pre-metered chemical applications at ratios of 16:1 and 64:1. (Deluxe Models)
- Designed for use with optional floor and carpet tools, providing increased versatility and productivity.



Intuitive Control Panel



On-Board Accessory Wand



Battery Exchange Cart



Easy Access To Batteries & Components

## Five ways to use Windsor's DUO Carpet Extractors

**Encapsulation** – Extends time between deep extractions and reduces re-soiling.

**Deep Extraction** – Deep, restorative cleaning.

**Pre-spray and Rinse** – Cleaning of surface soiling and extraction of soil in carpet while leaving the carpet free of shampoo or detergent, reducing resoiling.

**Pre-spray and Extraction** – Deep, restorative cleaning for heavily soiled carpet.

**Rinse Only** – Surface cleaning of carpet and elimination of detergent and soap build-up, brightening the carpet and reducing resoiling.

## Target Markets:

- Event Centers
- Hospitality
- Education
- Light Industrial
- Airports



Windsor Innovations Protect:



Indoor Air Quality



Water



People



Environment