

**KÄRCHER**



# ORB TECHNOLOGY AND CHARIOT™ PRODUCTIVITY COMBINED.

Experience highly productive  
dual-motion orbital scrubbing.

**PROFESSIONAL** | CHARIOT™ 2 ISCRUB 20 DELUXE WITH ORB TECHNOLOGY



# Dual-motion ORB technology with Chariot™ productivity.

The Chariot™ 2 iScrub 20 Deluxe with ORB Technology is the ultimate solution for top-scrubbing and chemical-free finish removal of floors. It provides best-in-class results with its dual orbital performance and green cleaning by using less chemicals, water, energy and labor. We combined the productivity of our stand-on Chariot™ line with our patent pending orbital technology into one superior machine. The dual-motion of our ORB technology provides the best scrubbing action on the market. Unlike traditional machines, the Chariot™ with ORB generates thousands of 3/8 inch orbit contact points that spin at 1725 revolutions per minute, while at the same time it spins within an 80 rpm rotational movement. These thousands of orbital drive contact points provide the highest level of mechanical action on the market.



## 1 Hygienic tank design

- Easy to clean tank design ensures that everyone will be safe and healthy
- Float shutoff ball keeps water out of vac motor

## 2 Quick and convenient access to everything you need

- Wide open accessibility allows for simple servicing, cleaning of recovery tanks and battery charging

## 3 Easy to use controls

- Kärcher EASY dial makes training quick and simple, reducing the time spent training operators
- Separate pre-programmed top-scrub mode on dial for easy, consistent results. No operator adjustment required, just set it and go. Standard on all non-chemical metering models.

## 4 Chemical metering

- Available with an optional chemical metering system
- The chemical container removes from the fill port for ease of filling and cleaning

## 5 Follow your lead

- The flow meter can sense a change in flow rate from the solution tank and automatically adjusts to maintain dilution ratio

# Technical data and equipment.



## Top-scrub and re-coat with ORB technology.

Harness the productivity gains of our time-saving Chariot™ platform combined with our superior ORB cleaning technology. This scrubber is the ultimate solution for top-scrubbing and chemical-free finish removal of floors. It provides green cleaning by using less chemicals, water, energy and labor as well as best in class scrubbing results due to our dual-motion of our ORB technology.

### Superior Orbital mechanics

- True orbital mechanics provide the most efficient scrub possible
- Highly productive with “best in class” cleaning results—dual orbital motion provides superior performance over spinning disk.
- Chemical free coating removal from VCT, concrete and soft stone.
- A productive solution for top scrubbing and re-coating floors, allowing for this to be a one person job
- Green cleaning—using less chemicals, water, energy and labor.

### Productivity

- Chariot™ patented technology significantly increases productivity

## CHARIOT™ 2 ISCRUB 20 DELUXE WITH ORB TECHNOLOGY

### TECHNICAL SPECIFICATIONS

Productivity (practical)	ft <sup>2</sup> /hr	18,000
Cleaning path	in	20
Solution/recovery capacity	gal	10/10
Vacuum	hp	0.63
Water lift	in of water	47.3
Electrical system		36V 3x12V 130 Ah, 36V 3x12V 114 Ah AGM
Operating noise level	dBA	67
Climbing ability- maximum slope	% grade	10
Max. working speed	mph	2.4
Transport speed	mph	2.4
Minimum turning radius	ft	2.13
Weight with batteries	lbs	676
Dimensions (L x W x H)	in	44 x 27.2 x 51.75

### EQUIPMENT

Order No.	Description
1.008-136.0	Chariot™ 2 iScrub 20 Deluxe with ORB™ Technology, orbital pad driver, 36V/130 Ah batteries, 21A automatic charger
1.008-140.0	Chariot™ 2 iScrub 20 Deluxe with ORB™ Technology, orbital pad driver, 36V/114 Ah AGM batteries, 21A automatic charger
1.008-138.0	Chariot™ 2 iScrub 20 Deluxe with ORB™ Technology, orbital pad driver, 36V/114 Ah AGM batteries, 21A on-board charger

### ACCESSORIES

Order No.	Description
<input type="checkbox"/> 8.632-606.0	Chariot™ Front Squeegee Linatex, Chariot™ iScrub 20/Chariot™ iScrub 20 Deluxe
<input type="checkbox"/> 8.632-607.0	Chariot™ Rear Squeegee Linatex, Chariot™ iScrub 20/Chariot™ iScrub 20 Deluxe
<input type="checkbox"/> 8.634-205.0	Chariot™ Front Squeegee Urethane, Chariot™ iScrub 20/Chariot™ iScrub 20 Deluxe
<input type="checkbox"/> 8.634-206.0	Chariot™ Rear Squeegee Urethane, Chariot™ iScrub 20/Chariot™ iScrub 20 Deluxe
■ 8.639-259.0	Pad Driver, 20"
<input type="checkbox"/> 8.640-378.0	Kit, squeegee blade, gum rubber
<input type="checkbox"/> 8.600-486.0	Keys, set of 2

■ Included □ Optional

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