

Automatic Scrubbers

CT 40

10/13 Gallon, 20" Brush and Traction Drive



TECHNICAL DATA		B 50	BT 50
Drive System		Brush	Traction
Scrubbing width	Inches/mm.	20"/500 mm	20"/500 mm
Squeegee width	Inches/mm.	32"/815mm	32"/815mm
No. of brushes		1 (disc)	1 (disc)
Solution tank capacity	Gal/Ltr	10 Gal/40 Ltr	10 Gal/40 Ltr
Recovery tank capacity	Gal/Ltr	13 Gal/50 ltr	13 Gal/50 ltr
Battery power supply	Volts	24V	24V
	Amp Hours	110/145 Ah	110/145 Ah
Empty weight without batt.	Lbs/kg	183 lbs/83 Kg	183 lbs/83 Kg
Length	Inches/mm.	48 "/1230mm	48 "/1230mm
Width	Inches/mm.	20.5"/516mm	20.5"/516mm
Height	Inches/mm.	38"/962 mm	38"/962 mm
Electro-valve solution flow		Yes	Yes
Electric traction			Yes
Max speed	mph/Kmh	2.2 mpg/3.5 Kgh	2.2 mpg/3.5 Kgh



CT 40 Series



Large tank capacity in minimum external space



10-13 Gal. (40-50 litre) capacity tanks make this model very unique in its category



Extensive running time

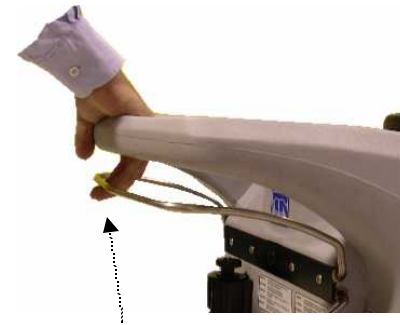


Extremely large battery compartment allows batteries of 105-145 Ah (Up to 3.0 hour run time)

High productivity (1)



Solution control with automatic stop

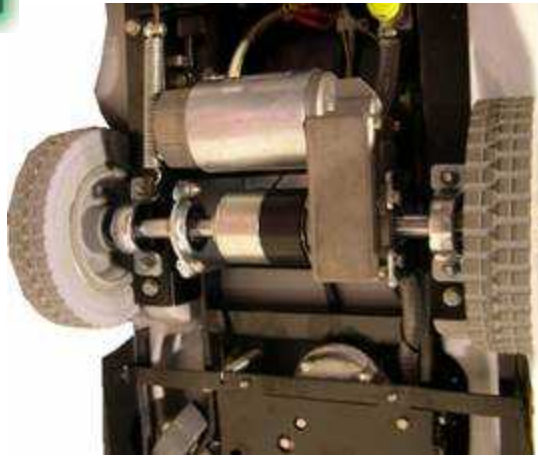


Saves water and chemicals. Solution flow stops and starts upon brush command.

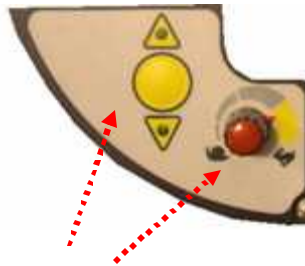
CT 40 Series



Available in brush or traction drive



Motor connected by reduction gear and differential



Variable speed both forward and reverse

High productivity (2)



Brush control with automatic delayed stop



Saves brush wear and protects floor surfaces. Brush rotation stops (3 sec delay on traction drive) and starts upon brush command.

CT 40 Series

High performance (1)



CFS (Center Flow System)



Central solution outlet on the brush ensures the entire use of the brush and efficient use of water and chemicals



CWS (Constant Weight System)



The brush head floats on the floor ensuring maximum scrubbing results

Easy brush angle adjustment



Adjustment under rear part of machine that moves brush angle wheel

CT 40 Series



High quality / high performance vacuum motor



Ametek vacuum motor. Easily removed by 3 bolts and an electric quick disconnection plug.

Delayed 7 second vacuum switch off to allow vacuum of water left in hose between tank and squeegee.

Vacuum air outlet discharged under machine

High performance (2)

Maximum vacuum seal in recovery tank



Limited gasket length (on lid) assures best vacuum seal throughout the life of the machine

Shortest hose with least resistance possible provides improved airflow



Hose with siphon

Avoids dripping when vacuum fan is turned off.

CT 40 Series

High performance (3)

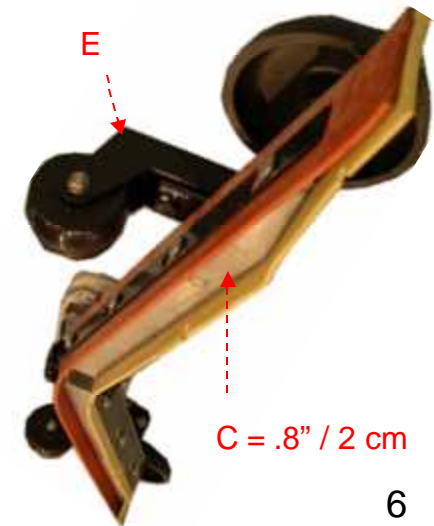
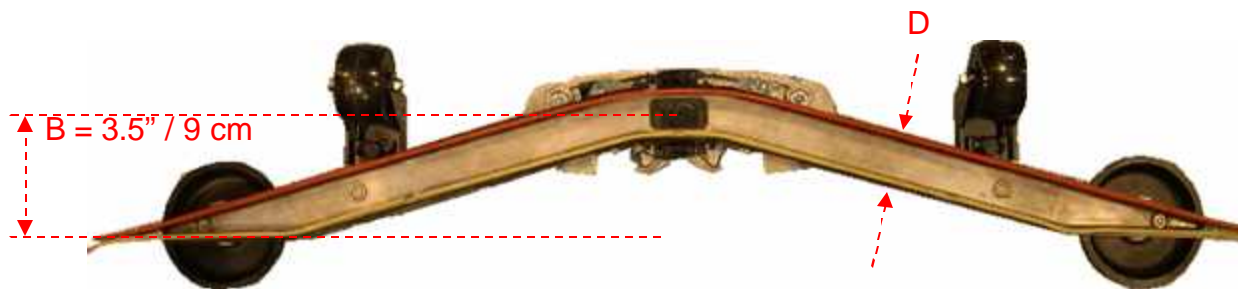


Exclusive squeegee system assures high performance at low cost



- A - V shape allows to collect all water during turning
- B – Distance between front and rear of squeegee is minimum allowing easy angle adjustment.
- C –Internal compartment height is low (less volume) which allows better vacuum power.
- D – The width of the squeegee is exactly the same along its entire width allowing excellent drying results in every area.
- E – Reduced blade wear as the squeegee height is maintained by 2 rear wheels
- F – Wheel height adjustment allows maximum blade wear life

Incomparable drying results even on the most difficult surfaces thanks to a very unique design.



CT 40 Series



Great maneuverability due to optimum weight distribution



Easy to maneuver due to the design of the water tanks and battery compartment that distribute weight equally on the 3 wheels.



Great working visibility



Rounded front part of the machine and off set brush allows maximum working visibility

Ergonomics, user friendly (1)



Designed to assure minimum noise levels



Insulated vacuum unit. 65 db(A) from 60" / 1,5 meter distance

CT 40 Series

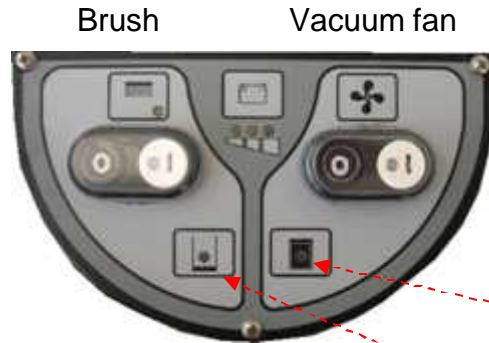
Ergonomics, user friendly (2)



Easy to use control panel



Solution adjustment



Traction drive version (BT)

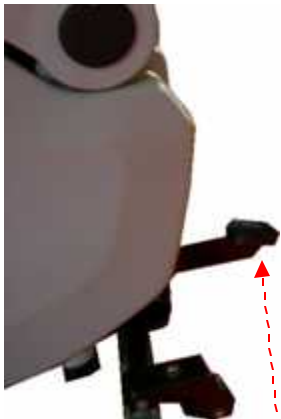


BT version includes traction control, key switch and soft touch switches. Emergency cut off switch included.

Standard on brush drive versions (B)

Lamp indicates when recovery tank is full and vacuum is automatically switched off.

Lamp indicates solution reserve and warns that there is around 2 minutes of solution left.



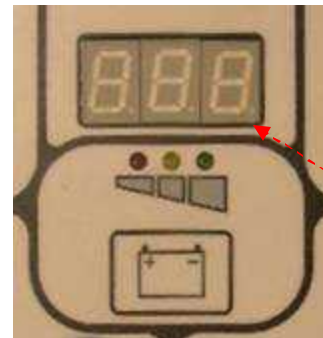
Brush head is raised and lowered by foot pedal



Squeegee is raised and lowered by handle



Battery level indicator



Battery level is indicated by 3 different led lights. Battery protected against down charge.

BT version includes digital battery display

CT 40 Series

Ergonomics, user friendly (3)



Recovery tank discharge hose at maximum height



Possible to discharge up to 19" / 48 cm height



External battery charge plug



Recovery tank can be tilted



Easy to rinse and clean with smooth internal finishes



Optional on-board charger can be easily installed now or later

Equipped with digital display that indicates state of charging



CT 40 Series

Low maintenance costs (1)



Inlet and outlet filters for maximum solution tank and circuit protection



Inlet filter



Large outlet filter



Spin-on, Spin-off Brush/Pad Driver



Brush connection and disconnection without hands or tools



AFS (Anti Foam System)



Vacuum inlet positioned in the highest possible position with filter for maximum vacuum motor protection

Sensor turns off vacuum fan when recovery tank is full

CT 40 Series

Low maintenance costs (2)



Squeegee blade can be used on 4 sides before replacement



Maximum wear life is obtained



Fast squeegee assembly and blades replacement without tools



Both front and rear blades easily removable



Easy access to internal components



CT 40 Series



Tanks and surrounding body in high density polyethylene



Oil bath reduction gear box



Large diameter gears for less motor fatigue

Durability (1)



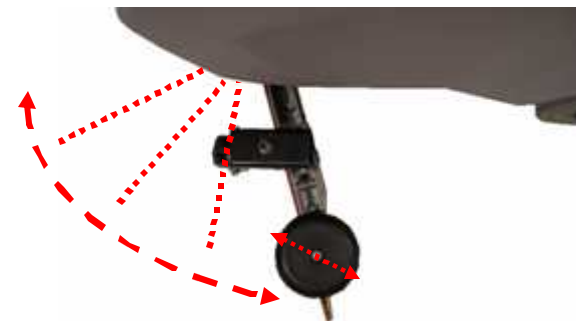
Brush head designed to absorb harsh impact



Large 4"/10 cm roller wheels for maximum protection



Squeegee system designed to absorb harsh impact



Maximum squeegee support movement and large 4"/10 cm rollers for maximum squeegee protection

CT 40 Series



Sealed panel protects switches against water and humidity



Large wheels



8"/20 cm diameter
non marking wheels

Durability (2)

Solution tank discharge



Just open, drain and vacuum into squeegee for easy removal

Optional Hose available for longer distance discharge

Easy to inspect solenoid valve

