# SCU Surface Cleaning Unit

SCU Surface Cleaning unit effectively cleans parking garages and other large areas with flat surfaces. The unit washes the surface with high-pressure water and the vacuum collects the dirty water for recycling. The unit leaves a clean and dry surface behind without making any mess to the surroundings.

High pressure water

**SCU SURFACE CLEANING UNIT**

## Benefits

* Efficient cleaning up to 60 000 m2 / day
* Resulting clean, almost dry surfaces
* Clean pores
* Safe to use, don’t splash water, dirt or rocks to the surroundings
* Pre-washing capability without suction
* Pressure washing with washing pistol
* Versatile functions which can be used separately (e.g. suction use only)

## Features

* Operating speed max 5 km/h
* Water pump’s output max 50 l/min (13.2 gpm)
* Water pressure max 220 bar (3200 psi)
* Working width 150 cm (59.1 in)
* Weight 720 kg
* Water reservoir capasity 540 l
* Vacuum -8 kPa
* Airflow 3,4 M3/s
* Hose reel
* Hose length 20 m (65.6 feet)
* Splash protection
* Washing gun

## Applications

* Parking garages
* Car parks
* Terminal areas
* Large factories
* Paved market areas
* Boulevards
* Logistic areas
* Paths and pavements
* Mall surroundings
* Storage areas
* Large indoor areas
* Tradeshow areas

## How Does the Surface Cleaning Unit Work?

SCU Surface Cleaning Unit utilizes carrier machine’s hydraulic system as power source. It produces high-pressure water for surface cleaning and powerful vacuum to suck the washing water.

1. Hydraulic oil flow is led from the hydraulic system of the carrier machine into the HMV Hydraulic modular Valve System where it is led to the hydraulic equipment such as HPW Hydraulic High Pressure Water Pump and HCF Hydraulic Centrifugal Fan which are powered by hydraulics.
2. HPW Hydraulic High Pressure Water Pump sucks water from a reservoir and pumps high-pressure water through rotating flat spray nozzles onto the washable surface.
3. The SCU has a cover which prevents the water, dirt and rocks from spreading to the environment.
4. HFC Hydraulic Centrifugal Fan vacuums the water and dirt from the surface into an integrated container for recycling.
5. Optionally the high-pressure water can be led to a washing pipe for street washing or to the washing pistol for regular pressure washing.