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**BUCHER**  
schörling



**Municipal News**  
Beijing Environment Sanitation  
Engineering Group Co. Ltd., China

# Sweepers for Beijing



An agile CityCat 2020 ready and waiting in front of the Olympic Stadium.

Bucher was contracted by Beijing Environment Sanitation Engineering Group Co., Ltd. to supply 20 CityFant 60 truck mounted sweepers as well as 8 CityCat 2020 and 4 CityCat 5000 compact sweepers. Beijing Environment Sanitation is Beijing's street cleaning contractor and an official service provider at the 2008 Olympic Games.

Winning out against the tough Asian competition, Bucher's Municipal Vehicle Division has landed a number of contracts for sweepers, snow blowers and airport equipment. This immense success is due not only to the exceptionally good quality of Bucher Schörling products but also to its excellent customer support and, last but certainly not least, its close proximity to customers and the market.

Beijing Environment Sanitation already has a large fleet of sweepers, street washers and water tank trucks. Along with Asian manufacturers, Bucher was one of the few European brands to hold the field with its high-performance municipal vehicles. Reliable sweepers are a vital part of life in the metropolis of Beijing because the daily traffic flow would be seriously disrupted if the sweepers were out of operation.

With the major events coming up in Beijing, the Bucher Schörling machines will be used to combat the vast quantities of litter left by the huge crowds of visitors. Two CityCat 2020s and two CityCat 5000s are already in place near the stadiums to ensure cleanliness and keep roads and pathways safe.



What better place than Beijing's streets to operate Bucher Schörling sweepers.



4 CityCat 5000s and 8 CityCat 2020s have joined the fleet of sweepers operated by Beijing Environment Sanitation Ltd.



The fleet ready for action.

# The right sweeper for every job



The truck mounted CityFant 60 is powerful and efficient.

### CityFant 60 – manoeuvrable and versatile

Bucher Schörling’s CityFant 60 provides Beijing Sanitation with a cutting-edge solution for efficient street cleaning. Its 6 m<sup>3</sup> hopper capacity is a key feature for sweeping major thoroughfares and wide open spaces like those in Beijing. With a 1500 litre water tank, this vehicle is perfectly equipped for extended on-station time cleaning dirty roads.

### CityCat 5000 – setting new standards

Incorporating proven technology, the CityCat 5000 ensures operating efficiency with its superior manoeuvrability, high capacity hopper and large filter screen. Its drive system delivers high performance at low revs, also lessening environmental impact by reducing fuel consumption, noise and pollutant emis-

sions. Both the power unit and hydraulic drive are electronically controlled for enhanced driving comfort.

### CityCat 2020 – compact and sure-footed

An outstanding hallmark of the CityCat 2020 is its exceptional agility, manoeuvrability and full directional stability. With the articulated steering, the rear end will always follow exactly in the tracks of the front, no matter where it goes. The vehicle will not cut corners or swing out, thus avoiding collisions with obstacles. With the ingeniously engineered brush configuration allowing simple precision control, getting into hard-to-reach corners and underneath obstacles is no problem at all. The front brush automatically adjusts to the tightest spaces, ensuring efficient operation and cleaning. Equipped with hydraulic lift

and tilt mechanisms, it will follow changing ground contours and even clean steps, elevated areas and gutters with ease. Another advantage of articulated steering is increased manoeuvrability. With this system, the suction nozzle always faces in the direction of travel, giving a clean sweep without leaving unsightly dirt streaks behind.

Three winning products, perfectly covering the whole spectrum of cleaning needs and ideal for the conditions in Beijing and exceptional loads during large-scale events.



One of the many CityFant 60s delivered to Beijing Environment Sanitation.



With its ingenious technology and versatile applications, the CityCat 5000 is setting the right standards for Beijing.



Exceptional agility, manoeuvrability and full directional stability are outstanding hallmarks of the CityCat 2020.

# Operator training



Operators learning the ins and outs of the CityCat 2020.

**Training by qualified instructors is essential to ensure reliable operation of the machines**

Trained workers are needed to keep the machines running and assure trouble-free sweeping operations. A member of our Niederweningen customer support team spent two weeks providing the crews of Beijing Environment Sanitation Engineering with the necessary technical knowledge and expertise.

Firstly, the operators whose job is to keep the streets spotlessly clean needed to be instructed in using the sweepers. Operator training focused particularly on driving the vehicles, changing to and from all-wheel steer, and using the front brush functions

and PSS. Quite a new challenge for the operators was handling the CityCat 2020's articulated steering. Easy communication was facilitated by David Li, our man in China, who was there on the spot to interpret into Chinese. During the training sessions, the Bucher sweepers were refilled directly from Beijing Sanitation's fleet of street washers but, on the job, empty water tanks will be filled directly at the hydrants scattered all over Beijing. After each day of training, the same street washers were used for the routine clean-up – a vital part of operator training because careful, daily maintenance considerably extends the life of the vehicles. The most important aspects of this cleaning are washing out the hopper, fan and suction tube. Such daily and weekly maintenance

work is the operators' responsibility.



Essential – daily cleaning of the vehicles.



The sweepers' water tanks being refilled directly from the city's reservoirs.



Safe handling takes practice.

# Professional repair service



The very smart workshop of Beijing Environment Sanitation.

## If the worst comes to the worst

Secondly, the service technicians also required specialised training to carry out servicing and repairs. Like the operators before them, they too were very quick on the uptake so the training progressed very swiftly.

Now the City of Beijing is all set for professional, high-speed and spotless cleaning before, during and after major events.

More's the pity that no gold medals are awarded for sweepers.....



Our man in China serving as interpreter to ensure easy transfer of the necessary technical knowledge.



Another section of the Beijing Environment Sanitation workshop.



And ... the new Olympic Stadium.

**Professional service** Bucher Schörling's worldwide success is based on our distribution network offering qualified, customer-focused technical guidance wherever you are. For us at Bucher Schörling, service begins at the drawing board when we design vehicles to meet our customers' specific requirements and build bespoke solutions. We are renowned for our sound, competent advice and reliable service, provided by knowledgeable and well-trained professionals and by our efficient spare parts centres that assure the fastest delivery and long-term supply guarantees.

**Certified quality – high cost-effectiveness** Committed to quality, Bucher Schörling is dedicated to ensuring continuous machine uptime, long life and low maintenance. This ensures that our machines deliver the best value for money at the lowest total cost of ownership throughout their lives. Bucher Schörling's competence centres are naturally fully ISO 9001:2000 certified.

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