



Technical data basic unit Citymaster 1600	
Engine and drive	
Engine	<ul style="list-style-type: none"> • water-cooled 4-cylinder VW industrial diesel engine with 1,968 ccm • exhaust gas turbocharging and charge air cooling, particle filter, performance 55 kW at 2,700 rpm • common-rail direct fuel injection, tank capacity 50 l • engine comes below the threshold value according to exhaust directive 97 / 68 / EC level IIIb
Approval	<ul style="list-style-type: none"> • EU type approval basic unit as a tractor (LoF)
Drive	<ul style="list-style-type: none"> • traction- and energy-efficient optimized hydrostatic drive with permanent all-wheel drive • drive control system with automatic load regulation in transport mode, 2-speed automatic transmission • 3-level fixed rpm in work travel mode (1,600 rpm [ECO] – 2,000 rpm [Standard] – 2,400 rpm [MAX])
Hydraulics	<ul style="list-style-type: none"> • load-sensing high pressure hydraulics with variable power distribution for rotatory consumers • circuit 1 (front) 0-50/0-70 l/min @ 225 bar • circuit 2 (rear) 0-20/25/30 l/min @ 195 bar • 2 hydraulic circuits at the front, 1 hydraulic circuit at the back
Driving and working characteristics	
Speed	<ul style="list-style-type: none"> • driving speed automotive 0 – 40 km/h • work travel hydrostatic 0 – 24 km/h • reverse 0 – 12 km/h
Steering and chassis	<ul style="list-style-type: none"> • hydraulic 4-wheel chassis with articulated steering, steering angle 45° • robust articulated joint with maintenance-free PTFE-coated bearings • trailing-arm-guided, suspended front and rear axles, coil springs and hydraulic shock absorbers • stabilizer at the rear axle
Brakes	<ul style="list-style-type: none"> • hydraulic brake on all 4 wheels. disc brake front with load depending support via HST transmission on both axles • electrically operated multi-disc stop brake at the rear axle
Tyres	<ul style="list-style-type: none"> • 225/70 R15C (M+S road tyres standard) • 255/65 R16C (M+S universal tyres § 35 StVO) • 320/55-15 (lawn tyres)
Cabin	<ul style="list-style-type: none"> • 1-seater comfort cabin with comfort driver's seat and operating panel integrated in the armrest • central display showing all the machine's functions, adjustable steering column • hot-water heating and optional air conditioning • robust doors with sliding windows • folding exterior mirrors, adjustable from the inside
Load data	
Dead weights	1,990 kg (implement carrier), 2,490 kg (sweeper)
Permissible values	total weight 3,500 kg, axle load 1,550/2,400 kg (front/rear)
Dimensions	
H/W/L	basic unit: 1,970 mm x 1,210 x 3,830 mm (standard tyres, without tow bar) Sweeper: 1,970 mm x 1,248 x 4,510 mm (standard tyres)
Wheelbase	1,600 mm
Track width	975–1,055 mm
Inner turning radius	1,290 mm

Form, colour and design of our products are subject to change in favour of further technical developments.
Pictures may show optional equipment.