CITY

HUDDIG

Conversion of a tramway in an urban environment. The tramway has no cross-ties – the tracks are laid directly on crushed rock. For the foundation to be as solid as possible the crushed rock directly under the tracks is packed tightly.

WE KNOW WHAT YOUR WORKDAY LOOKS LIKE

In urban or other environments with heavy traffic, work situations arise where space is limited and the tempo high. The ability to move in and between workplaces quickly and safely is important.

When you are working in an urban environment it is important to have a good overview and total control of the machine's moving parts. Work is often carried out with both people and traffic close by, which means that safety is a very high priority.

It is also important that the environment is respected while carrying out the work.

Work in urban environments with heavy traffic requires a good overview and control.

WORK SMART AND EFFICIENTLY

In urban environments the maneuverability of a HUDDIG comes into its own. A HUDDIG has the capability to work in narrow spaces and move quickly. The possibility to use a great variety of tools makes the machine ideal for different kinds of tasks.

With a HUDDIG you can always work efficiently, even where space is tight. It does not need much room, making a HUDDIG easy to use on paths in parks, on streets, in residential areas, or on freeways.

A HUDDIG is constructed as a multi-functional backhoe loader that you can equip with a wide variety of tools. This means that you can use the same machine for several tasks.

HUDDIG is a backhoe loader of really high quality down to the last detail, which makes it dependable and reliable – a machine that keeps on performing year after year. An efficient machine with high reliability is the foundation of good overall economy.

Asphalt work in a residential area.

Handling heavy barrier blocks on a freeway.

Sorting refuse at a recycling center.

Precision digging by radio control.

FEATURES THAT MAKE A DIFFERENCE

1. Maneuverability in traffic
Move quickly and safely in environments with traffic

2. Articulated center pivot
Means that all four wheels are in contact with the ground even in the roughest terrain

3. Superior hydraulics
Lets you work on projects that requires both strength and precision

4. Articulated steering
Gives a small turning radius which means that the machine can turn quickly and easily

5. Loader
Allows material to be loaded and carried or various tools to be used

6. Powerful backhoe
Can be combined with different tools

7. Radio control
Allows the machine's functions to be operated from outside the cab

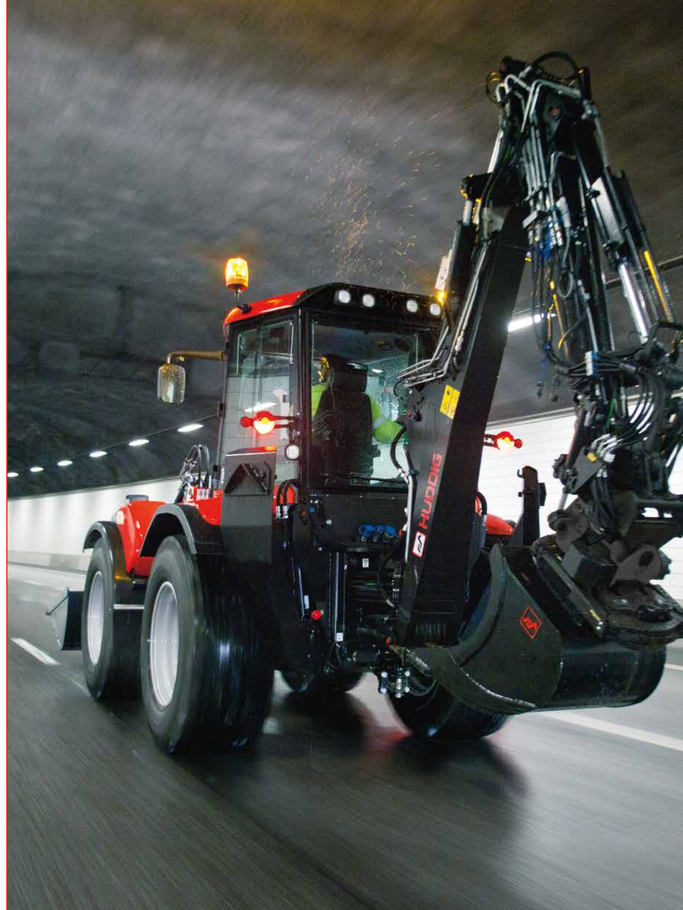
8. HUDDIG Lift
Allows you to work high off the ground

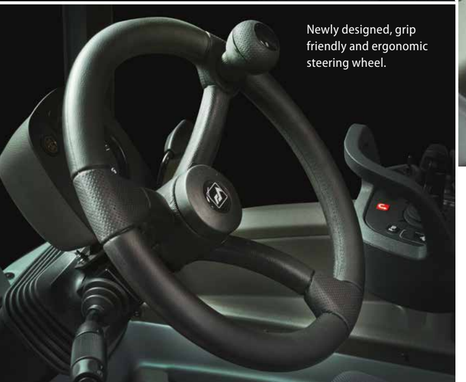
A FEELING FOR QUALITY

A HUDDIG machine is built to work hard, 24 hours a day and 365 days a year. It is strong, responsive and flexible – designed to withstand work in tough climates under extreme conditions.

When we designed the HUDDIG, our goal was to meet our customers' need for a multipurpose machine with a high level of comfort. We created a reliable backhoe loader that is always ready for the next challenge – regardless whether it demands strength, timing or precision.

A HUDDIG is efficient and reliable, which is the basis for good overall cost efficiency.





IMPROVED COMFORT AND ERGONOMICS

We have upgraded the driver cab with new functions for more effective work, enhanced ergonomics and comfort while simultaneously increasing safety for the driver. The new improvements have been developed from our customer's needs and wishes. This is the result of our effort to always provide world class backhoe loaders.

Ergonomically designed joystick that can control four functions simultaneously. Adjustable console with clear symbols and lights for optimal ergonomics and visibility. A fully automatic climate control system ensures a comfortable working temperature. Adjustable and easy grip steering wheel, with a sporty design. Optional extras include an air suspension seat, LED and heated mirrors.

Experience the feeling of the new HUDDIG driver cab, by contacting your nearest dealer.

HUDDIG 1060C

HUDDIG 1060C is an efficient, maneuverable backhoe loader designed for work in tight spaces. The machine is robust, fast and powerful, which makes it a faithful partner in urban environments for example.

Engine

Model	Cummins turbo-charged diesel engine QSB4.5
Power output	104 kW (140 hp) at 2500 rpm
Type	Straight 4-cylinder
Cylinder volume	4.5 liters I 274.6 cu in
Torque	620 Nm I 457 lb ft at 1500 rpm

Transmission - ZF

Hydrodynamic torque converter
6 forward gears and 3 reverse gears

Gear	Km/h	mph
1	6	3.7
2	10	6.2
3	15	9.3
4	23	14.3
5	35	21.7
6	50	31

Axles

ZF
Automatic differential brake with planetary hub reduction gears

Wheels

Standard	520/70x30

Brake system

Transport brake	Servo-assisted disc brakes
Service brake	Automatic application of transport brake when stationary (automatic function can be disengaged)

Steering system

Hydrostatic orbitrol control system with dual cylinders in the center pivot
Joystick steering can be engaged at reduced speed

Steering angle	± 37º
Frame oscillation	± 13º
Working pressure	15.9 MPa (159 bar)

Electrical system

Voltage	24 V
Batteries	2x12V, 100 Ah
Generator output	90 A AC
Starter motor output	4 kW

Hydraulic system

Load sensing operating hydraulics with two variable axial piston pumps. Displacement: 45cc I 2.75 cu in and 85cc I 5.19 cu in.

The hydraulic system is prepared for environmentally compatible hydraulic oils.

Working pressure	21 MPa (210 bar) I 3045 psi
Nom. max. flow at 1000 rpm	130 l/min I 34 gal/min
Nom. max. flow at 1500 rpm	195 l/min I 52 gal/min
Nom. max. flow at 2000 rpm	260 l/min I 69 gal/min

Measurements and weight

Width	2290 mm I 90 in
Height to cab roof	3064 mm I 121 in
Length	7740 mm I 305 in
Weight	10400 kg I 22,928 lbs

HUDDIG 1260C

The HUDDIG 1260C is our most powerful backhoe loader. It is equipped with a Cummins turbocharged diesel engine QSB6.7, which meets the environmental standard Stage III B I Tier 4 Interim.

Engine

Model	Cummins turbocharged diesel engine QSB6.7 Stage III B I Tier 4 Interim
Power output	116 kW (157 hp) at 1900 rpm
Type	Straight 6-cylinder water cooled
Cylinder volume	6.7 liters I 409 cu in
Torque	662 Nm I 488 lb ft at 800 - 1400 rpm

Transmission

2-gear hydrostatic gearbox ZF/2HL 290
Speed, 1st gear 0-10 km/hr low ratio I 0-6 mph low gear
Speed, 2nd gear 0-42 km/hr high ratio I 0-26 mph high gear
The transmission system is separated from the operating hydraulics.

Axles

ZF
Automatic differential brake with planetary hub reduction gears

Wheels

Standard	520/70x34

Brake system

Transport brakes	Servo assisted disc brakes
Service brake	Automatic engagement of transport brakes when stationary (automatic function can be disengaged)

Steering system

Hydrostatic orbitrol control system with dual cylinders in the center pivot.

Steering angle	±32°
Frame oscillation	±8°

Electrical system

Voltage	24V
Batteries	2x12V, 100 Ah
Generator output	80A AC
Starter motor output	5.8 kW

Hydraulic system

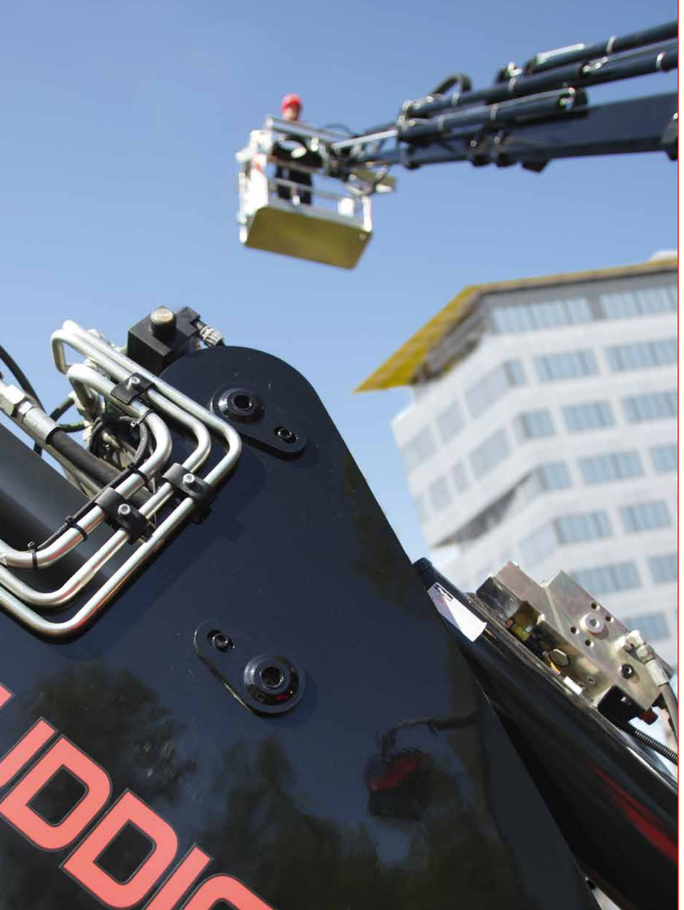
Load sensing hydraulics with variable axial piston pumps, 60cc I 3.66 cu in + 100cc I 6.10 cu in (stepped-up pump distribution box provides a total of 174cc I 10.62 cu in). Low pressure compressor valves for backfilling and a heating system (circuit pump system) for cold starts. Internal servo supply to directional valve and return power for excavating functions.

The hydraulic system is prepared for environmentally compatible hydraulic oils.

Working pressure	23.3 MPa (233 bar) I 3380 psi
Nom. max. flow at 1000 rpm	176 l/min I 46 gal/min
Nom. max. flow at 1500 rpm	264 l/min I 70 gal/min
Nom. max. flow at 2000 rpm	352 l/min I 93 gal/min

Measurements and weight

Width	2470 mm I 97 in
Height to cab roof	3110 mm I 122.5 in
Length	8630 mm I 329 in
Weight including bucket	13200 kg I 29,101 lbs



INCREASED FLEXIBILITY WITH LIFT

HUDDIG Lift enables smooth and safe working high off the ground. With HUDDIG Lift, one person can carry out several operations on their own, for increased working efficiency.

During line work the HUDDIG Lift's pole grab holds the pole securely in place and once the pole is erected, further assembly work takes place from the man basket. In urban environments the HUDDIG Lift is unbeatable when working on street lighting and facade work. HUDDIG Lift is also ideal for working on the railways, when carrying out tasks such as roof repairs in tunnels and work on overhead lines above the track.

Operated from either the driver cab or man basket, HUDDIG Lift gives the driver an optimum view, increasing efficiency and safety.

HUDDIG Lift is certified according to the European standard for mobile platforms with EN 280.

LIFT 1420

Technical data
Type approved as mobile work platform
Cab or basket operated
Electro-hydraulic leveling of man basket
Well protected cables and hoses
Graphic displays with menus for speed regulation
Four individual operator modes
Automatic slew stop above parking position

Three hydraulic extensions for a total of 6.6 meters I 21.6 ft
HUDDIG Lift 1420 is supplied as standard with man basket and pole grab is optional

Size & weight

Max. work height, hydraulic extension	14.2 m I 45.9 ft
Max load in working platform (regardless of height)	2 persons + equipment or max 200 kg I 441 lbs
Weight	830 kg I 1830 lbs
Working reach	10.6 m I 34.7 ft
Slewing angle	355.5°
Slewing torque	5.8 kNm I 4277 lb-ft
System type	Relieved constant pressure system
Attachment coupling	Quick coupling for basket and pole grab

LIFT 2000

Technical data
Type approved as mobile work platform
Cab or basket operated
Electro-hydraulic leveling of man basket
Well protected cables and hoses
Graphic display with menus for speed regulation
Four individual operator modes
Overload and reach limiters
Automatic slew stop above parking position

5 hydraulic extensions of a total of 11 meters I 33 ft
1 manual extension of 2 meters I 6 ft
HUDDIG Lift 2000 is supplied as standard with man basket and pole grab is optional

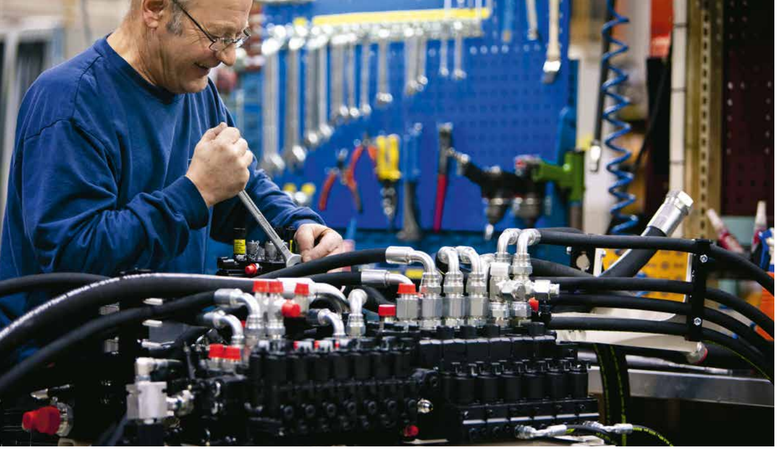
Size & weight

Max. work height, hydraulic extension	18.1 m I 59.3 ft
Max. work height, manual extension	20.1 m I 65 ft 11 in
Max load in basket (regardless of height)	2 persons + equipment or max load 200 kg I 441 lbs
Weight	1150 kg I 2535 lbs
Max. working reach 80 kg (176 lbs.) load in basket	13.5 m I 44.2 ft.
Max. working reach 200 kg (441 lbs.) load in basket	11 m I 36 ft.
Slewing angle	355.5°
Slewing torque	7.5 kNm I 5532 lb-ft
System type	Relieved constant pressure system
Attachment coupling	Quick coupling for basket and pole grab

LIFT 20X2

HUDDIG Lift 20X2 is a variation of Lift 2000, that has been insulated so that it does not conduct electricity. The metal frame of the lift is insulated in two areas.

Double insulation provides improved security for the people in the man basket when working with power lines. The design fulfils the requirements of VDE 0682 – 741 in Germany, for circuits of up to 1000 volts.



SWEDISH QUALITY WITH STRENGTH AND PRECISION

Huddig AB develops, manufactures and sells backhoe loaders for the electrical, railway and construction sectors. We manufacture complete backhoe loaders on their own chassis based on the best engine, transmission and hydraulic components. Our own HUDDIG trademark has long been a market leader among backhoe loaders in the Swedish market.

Huddig AB is committed to providing its customers with long-term value and security by consistently offering a broad range of applications, high quality and superior service. For example, Huddig is quality certified according to ISO 9001 and environmentally certified according to ISO 14001:2004. Huddig AB takes an active approach to the environment and our environmental management system is applicable to all phases of the development, manufacture and marketing of our articulated backhoe loaders. Our products are CE marked in accordance with Machinery Directive 2010.

The company was founded in 1959 and only manufactures HUDDIG backhoe loaders. Both the development and production departments are located under the same roof. This facilitates continuous dialog between development, production and marketing. Each HUDDIG is ordered and configured according to the customer's wishes. This gives the customer a central role in the development of our machinery.

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