

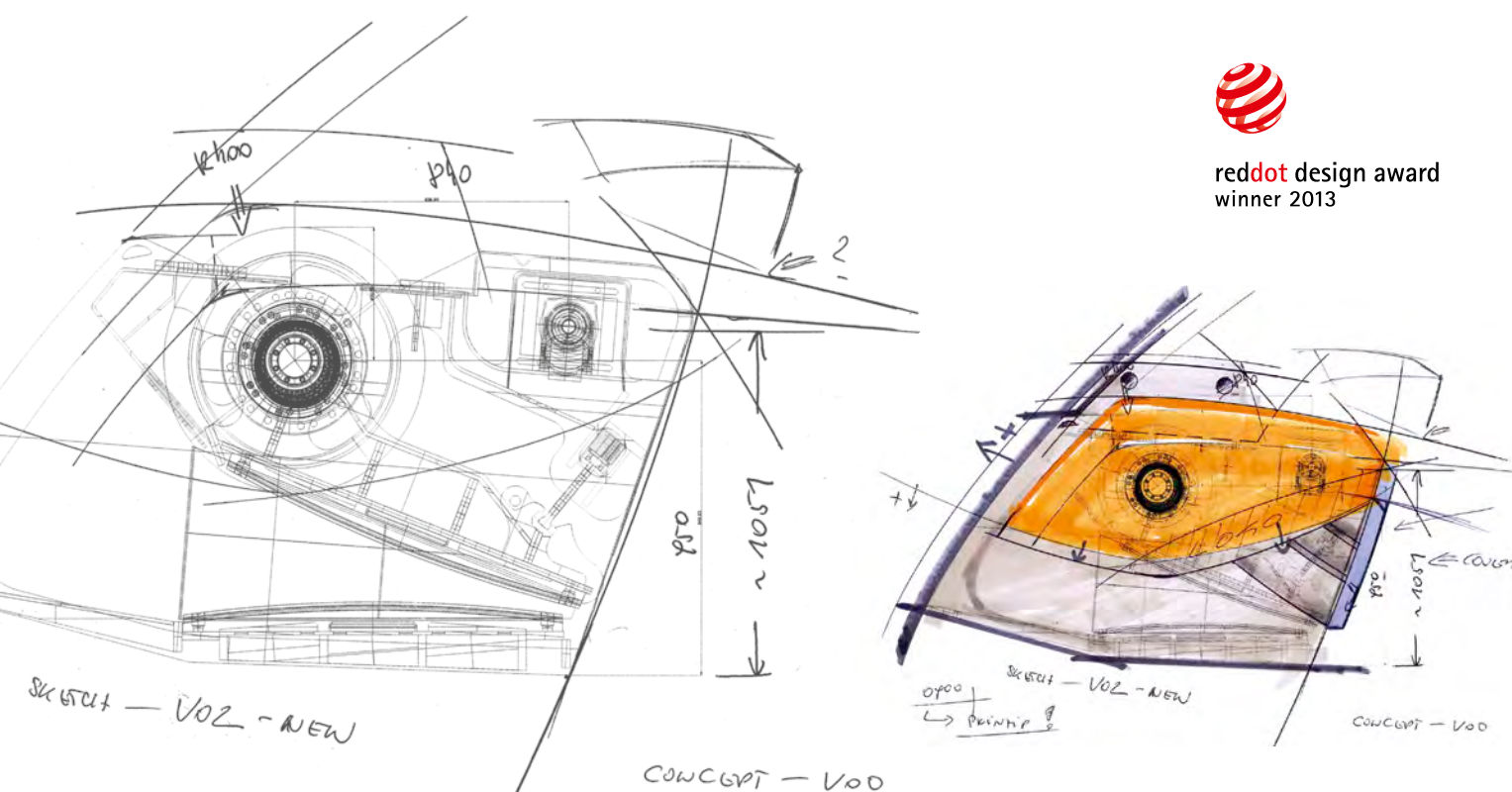
ENGLISH



NOTHING CAN
SUBSTITUTE
EXPERIENCE

 HARTL KNOW-HOW

HARTL  **CRUSHER**
hartl-crusher.com



DYNAMIC FLOW LINE DESIGN WITH INNOVATION

HARTL DESIGN



Dominik and Alexander HARTL



HARTL CRUSHER A NAME THAT STANDS FOR QUALITY

HARTL Engineering & Marketing GmbH is an Austrian company that specialises in the development, production and international marketing of industry specific products in the construction and material sector. Under the name HARTL CRUSHER™, the balance between innovation, high quality and over 40 years experience in the crushing and screening arena is achieved and make for an exceptional product portfolio. The unique technical aspects and robust construction of combining an excavator and crusher unit guarantees a high performance and reliable machine for the reduction of natural stone as well as recycling and demolition materials, directly on site.

Innovative design, modern production technologies and the exclusive use of proven quality components ensure best production results, a high degree of service and maintenance friendliness as well as long product life cycles. The units are exported globally. The company works with reliable and long term partners - some of which have worked with HARTL CRUSHERS for decades - creating a dealer network that covers and serves more than 65 countries.

“QUATTRO” INSIDE
UNIQUE FOURFOLD JAW
MOVEMENT

≡ HARTL TECHNOLOGY

HBC

650-1250

THE ULTIMATE CRUSHING MACHINE

UNIQUE

The rock solid HARTL CRUSHER™ offers a flexible, mobile and economical crushing and screening solution for natural stone as well as in recycling and demolition applications. This is accomplished directly on site, meaning minimal demand on space, transport and time.

“QUATTRO” TECHNOLOGY

With a toggle plate that is specially designed to be positioned upwards instead downwards, as is the case with conventional crushers, the movement of the swing jaw plate does not have a parallel motion but the HARTL system generates an aggressive figure eight motion that allows crushing to begin high up on the jaw face and also creates a postcrush in the lower section of the crusher chamber as the material leaves the crusher.

The HARTL CRUSHER™ delivers a very high performance rate with minimal wear and a quality cubical end product with a minimal percentage of oversize material.

APPLICATIONS

- Demolition materials including concrete, bricks, asphalt, ceramics, glass etc.
- Recycling of railway sleepers as well as other concrete products
- Infrastructure material including highways, roads, pavements, etc.
- Natural stone in quarries, mines, gravel pits and river gravel

ADVANTAGES

With a HARTL CRUSHER™ the following cost reductions are achieved:

- Material transportation costs
- Landfill deposit costs
- Purchasing of materials
- Machine transport and organizational costs
- Number of units required on a site - 1 excavator
- Labour costs - 1 man
- Set up and preparation costs
- Operation and running costs



FEATURES

- QUATTRO MOVEMENT
- HIGH RESISTANT JAW PLATES
- CAST STEEL PENDULUM
- CENTRAL LUBRICATION
- DUST SUPPRESSION
- CRUSH CONTROL (available as an option)
- COMPATIBLE QUICK COUPLING SYSTEM (available as an option)
- IRON SEPERATOR (available as an option)
- BUCKET TEETH (available as an option)

MODELS	HBC 650	HBC 750	HBC 950	HBC 1250
Excavator weight t [lbs]**	≥ 10 [≥ 22050]	≥ 16 [≥ 35300]	≥ 22 [≥ 48500]	≥ 35 [≥ 77160]
Inlet opening mm [in]	650 x 500 [26 x 20]	750 x 500 [30 x 20]	950 x 525 [37 x 21]	1250 x 570 [49 x 22]
Rotation U/min [rpm]	350	350	350	350
Oil pressure bar [psi]	220 [3190]	220 [3190]	220 [3190]	220 [3190]
Oil flow rate l/min [US gpm]	> 100 [> 26.42]	> 145 [> 38.31]	> 200 [> 52.84]	> 290 [> 76.62]
Close side setting min-max mm [in]***	10 - 100 [0.40 - 4.00]	12 - 100 [0.48 - 4.00]	12 - 120 [0.48 - 4.75]	12 - 120 [0.48 - 4.75]
Load volume m³ [y³]	0,60 [0.78]	0,65 [0.85]	0,87 [1.10]	1,53 [2.00]

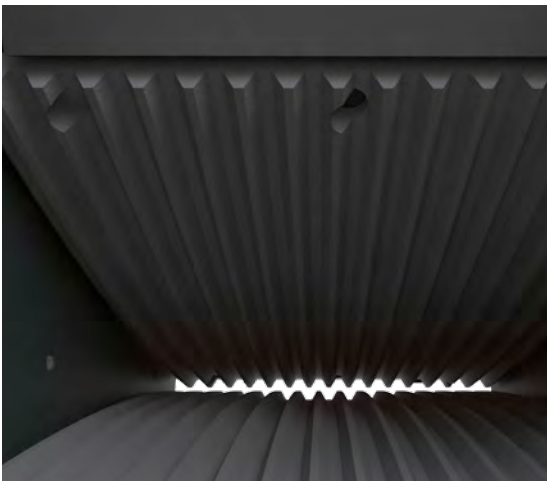
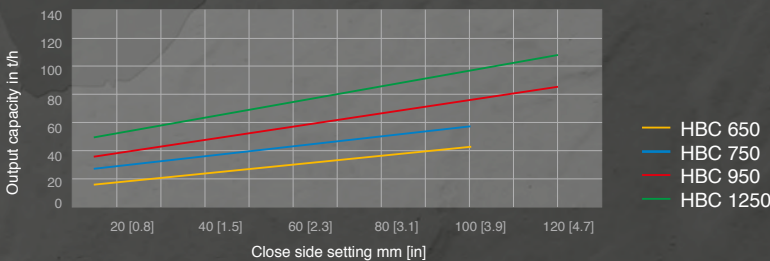
Dimensions / Weight	HBC 650	HBC 750	HBC 950	HBC 1250
Lenght mm [ft]	1970 [6.4]	2153 [7.0]	2320 [7.6]	2600 [8.5]
Width mm [ft]	1100 [3.6]	1181 [3.8]	1435 [4.7]	1800 [5.9]
Height mm [ft]	1280 [4.2]	1364 [4.4]	1367 [4.4]	1550 [5.5]
Weight kg [lbs]	1700 [3750]	2640 [5820]	3750 [8270]	5720 [12610]

* The production capacities vary based on material, feed size and close side setting. Indicated capacities based on medium hard material crushed under optimal conditions and taking the swivel time into account.

** Always consult and obey your machine's lifting capability guidelines to insure safe operation of the crusher.

*** Depending on inserted toggle plate.

HARTL CRUSHER Performance*



High quality jaw plates: 180° turnable



Pendulum: massive casted part



Gap setting adjustment system

A yellow excavator arm is shown in the upper right corner, holding a large grey Hartl HBS 1200 screener. The screener is a cylindrical machine with a perforated metal drum. It is positioned over a large pile of dark, reddish-brown material, likely crushed rock or ore. A significant amount of the material is falling from the bottom of the screener's drum, creating a large, conical pile in the foreground. The background shows a steep, rocky hillside.

STEADY PERFORMANCE
FLEXIBLE AND COST EFFICIENT
HARTL SCREENER

 HARTL PERFORMANCE

THE ULTIMATE IN FLEXIBILITY

The HARTL SCREENER is an incredibly flexible and cost efficient solution used for the separation of natural stone and recycling material into usable fractions. This is done directly on site thereby almost eliminating space and time factors. The material is processed in the shovel screener directly where it is needed, leaving the final screened material to be used exactly where it is needed - on the same site.

THE ULTIMATE IN STABILITY

The HARTL SCREENER is revolutionary compact and because of the stable construction, offers consistent screening at low maintenance costs. Selectable meshes allow for prescreening or final product classification. Optimized ergonomics and innovative design make for a modern HARTL SCREENER that have distinctive HARTL design characteristics.

APPLICATIONS

- Classification and processing of recycling materials
- Processing natural rock in quarries, river gravel and sand pits, etc.
- Road and levelling work, excavations, forestry roads, etc.
- Classification of soil in the agricultural sector
- Screening woodchips, sand for cleaning beaches, etc.
- Pipe line and pipe trench applications

ADVANTAGES

With a HARTL SCREENER the following cost reductions are achieved:

- Material transportation costs
- Landfill deposit costs
- Purchasing of materials
- Machine transport and organizational costs
- Number of units required on a site - 1 excavator
- Labour costs - 1 man
- Crushing costs by pre-screening materials
- Set up and operating costs



FEATURES

- CENTRALIZED MAINTENANCE & SERVICE CONSOLE
- MESH SIZES 20 - 80 mm [0.8-3.1 in]
- REPLACEABLE MESH MODULES
- XL LOADING VOLUME
- DRUM BRUSH (available as an option)
- COMPATIBLE QUICK COUPLING SYSTEM (available as an option)
- BUCKET TEETH (available as an option)

MODELS	HBS 800	HBS 1200	HBS1600	HBS 2000
Excavator weight t [lbs]	≥ 8 [≥ 17600]	≥ 13 [≥ 28660]	≥ 22 [≥ 48500]	≥ 35 [≥ 77160]
Screen drum diameter mm [ft]	800 [2.6]	1200 [3.9]	1600 [5.3]	2000 [6.6]
Screen drum depth mm [ft]	500 [1.6]	750 [2.4]	1100 [3.6]	1100 [3.6]
Oil pressure bar [psi]	130 [1885]	170 [2466]	170 [2466]	170 [2466]
Oil flow US l/min [gpm]	20 [5.3]	75 [19.8]	75 [19.8]	120 [31.7]
Load volume m³ [y³]	0,25 [0.33]	0,80 [1.05]	1,90 [2.49]	3,40 [4.45]
Total capacity m³ [y³]	0,51 [0,67]	1,57 [2.05]	3,70 [4.84]	5,95 [7.31]

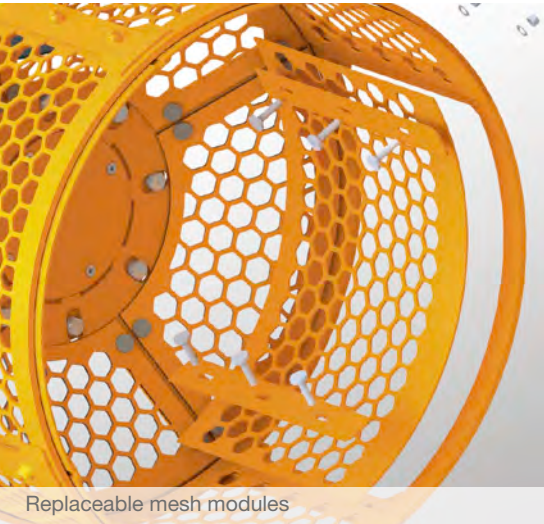
Dimensions / Weight					
Length mm [ft]	1790 [5.8]	2390 [7.8]	3140 [10.3]	3740 [12.2]	
Width mm [ft]	935 [3.0]	1355 [4.4]	1850 [6.0]	2210 [7.2]	
Height mm [ft]	1190 [3.9]	1600 [5.2]	2130 [6.9]	2230 [7.3]	
Weight kg [lbs]	640 [1411]	1220 [2690]	2320 [5115]	4600 [10141]	

MESHES (for all screen types)						
Standard mm [in] (replaceable)	20 [0.8]	30 [1.1]	40 [1.5]	50 [1.9]	60 [2.3]	80 [3.1]

20 - 80 mm standard sizes. All special sizes available.



XL load Volume



Replaceable mesh modules



Centralized maintenance and service console



Magnet Seperator

HARTL MAGNETS - SUPERB QUALITY IN EVERY DETAIL

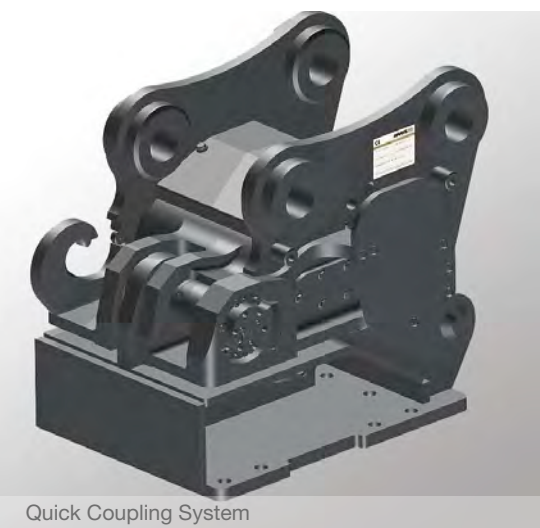
The Magnet is easily and quickly mounted and serves as an extremely efficient solution in removing magnetic metals from crushed and/or screened material. Strength and safety are important criteria in modern magnet technology and the HARTL products combine this with high quality components and production techniques. The Magnet includes a control box, mounting console and installation kit.

CRUSH CONTROL - PRODUCTION UNDER FULL CONTROL

The Crush Control Technology was specially designed for the HARTL CRUSHERS and SCREENERS. Crush Control allows the inner working of the crusher chamber and screener basket to be fully monitored during production. This allows full control and realtime optimization during operation, which saves an immense amount of time and increases efficiency. The Crush Control System consists of a monitor, an impact-, vibration and weather resistant camera, a magnetic mounting console and all required cables.



Crush Control



Quick Coupling System

ATTACHMENT CHANGES DONE SAFELY AND QUICKLY - EVERY TIME

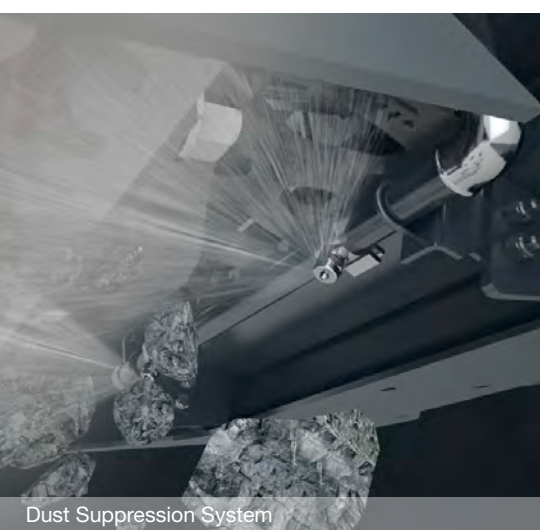
The Quick Coupler Systems from HARTL ensures easy change out of attachments at maximum speed. From simple mechanical to fully hydraulic High-Tech Systems, HARTL offers a variety of technologically advanced options ensuring total efficiency. All Quick Coupler Systems offered comply to safety and quality standards.

OPTIONAL MOUNTABLE BUCKET TEETH

The high quality shovel is constructed from wear resistant steels, is designed to provide a smooth intake of stones and materials and comes optionally with quick fit teeth. The innovative and economically orientated Teeth System ensures high separation accuracy and consists of a newly developed two-part design with integrated locking mechanisms.



Bucket teeth



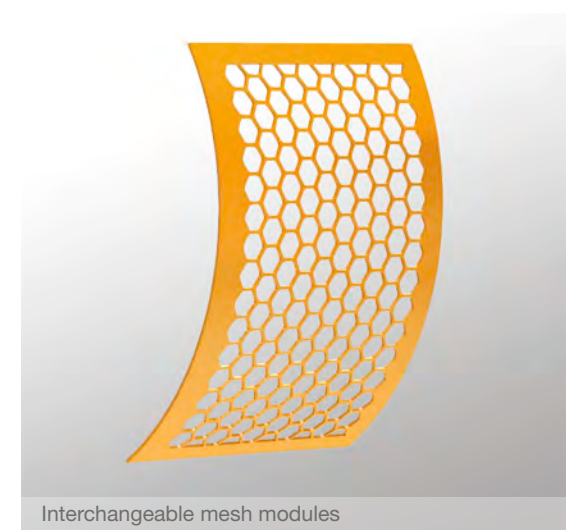
Dust Suppression System

A CLEAN SOLUTION - THE DUST SUPPRESSION SYSTEM MAKE IT POSSIBLE

The Dust Suppression System achieves near dust free operations, especially called for in inner-city job sites and dusty applications. HARTL units are equipped standard with integrated piping and nozzles, an optional extra pump and radio remote control complete the system.

INTERCHANGEABLE SCREEN MESH MODULES IN VARIOUS SIZES

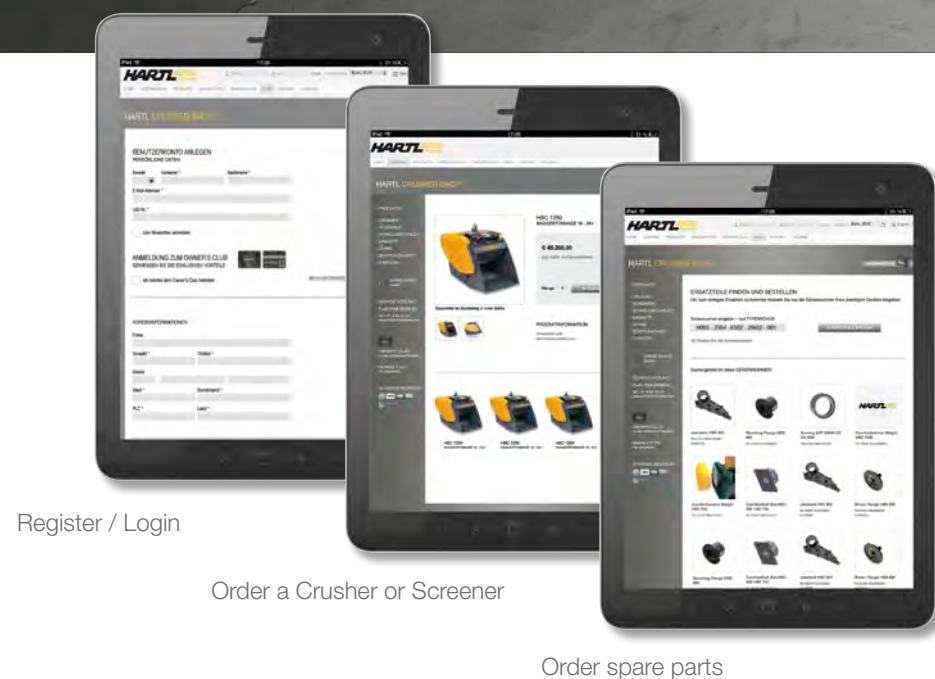
The design and construction of the screen basket is done in such a way to allow for quick and simple change out of screen media modules. 6 different mesh sizes (20 - 80 mm / 0.8 - 3.1 in) are optionally available and the huge advantage is the extreme ease of replacement. HARTL can, on request, provide special hole shapes, sizes and media materials.



Interchangeable mesh modules

ONLINE SERVICES

HARTL OWNERS CLUB



Register / Login

Order a Crusher or Screener

Order spare parts

A QUICK, EASY AND CONVENIENT WAY TO ORDER CRUSHERS, SCREENERS AND SPARE PARTS

HARTL offers an industry first and innovative Online Shop. This Shop opens a whole new dimension to the crushing and screening sector and has major advantages. Use the HARTL Webshop to reliably and speedily order all spare parts, options and additional products for your HARTL CRUSHER™ and/or HARTL SCREENER. The HARTL PARTS FINDER ensures that you always locate the correct part even when the spare part book is not at hand. Installation and maintenance manuals are also just a download away. Investments in a Central Parts Depot ensure prompt delivery of spare parts.

ADVANTAGES

- A simple, reliable way to order genuine HARTL products
- Exclusive and attractive prices, for members only
- The HARTL PARTS FINDER makes sure you receive the correct parts
- You can keep an eye on your orders and their delivery status with our Tracking System
- Visual at-a-click instructions for installation and servicing
- Available 24 hours, every day



OWNERS WELCOME

Are you the owner of a HARTL CRUSHER™ Product? Then we welcome you to the exclusive HARTL Owners Club along with many exciting advantages. As a HARTL Owners Club member you are entitled to various global offers and service packages. As an exclusive member, you will receive lucrative advantages including attractive pricing and a yearly bonus. Become a member and profit from it!

THE BENEFITS

- ANNUAL BONUS
Every purchase made through the HARTL Online Shop will earn you an annual credit of 1 % to 3 %, depending on how much you buy. This is how you can make loyalty pay - so don't miss out on this bonus!
- EVENTS
As a member of the Owners Club you will gain free admittance to international trade fairs, demo and internal days - with exclusive VIP events and culinary highlights!
- WEBINARS
When you make a purchase through the Online Shop, you will receive clear instructions about servicing and installation; each step in the servicing process is illustrated in a clear and accessible way, making it easy to do yourself. This will save you money and time!
- WELCOME GIFT
When you join the Club as a new member you will be welcomed with a useful surprise gift. We are delighted to welcome you to the worldwide HARTL CRUSHER™ Community!



HARTL CRUSHER

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