

DYNAMIC FLOW LINE DESIGN WITH INNOVATION

■ HARTL DESIGN





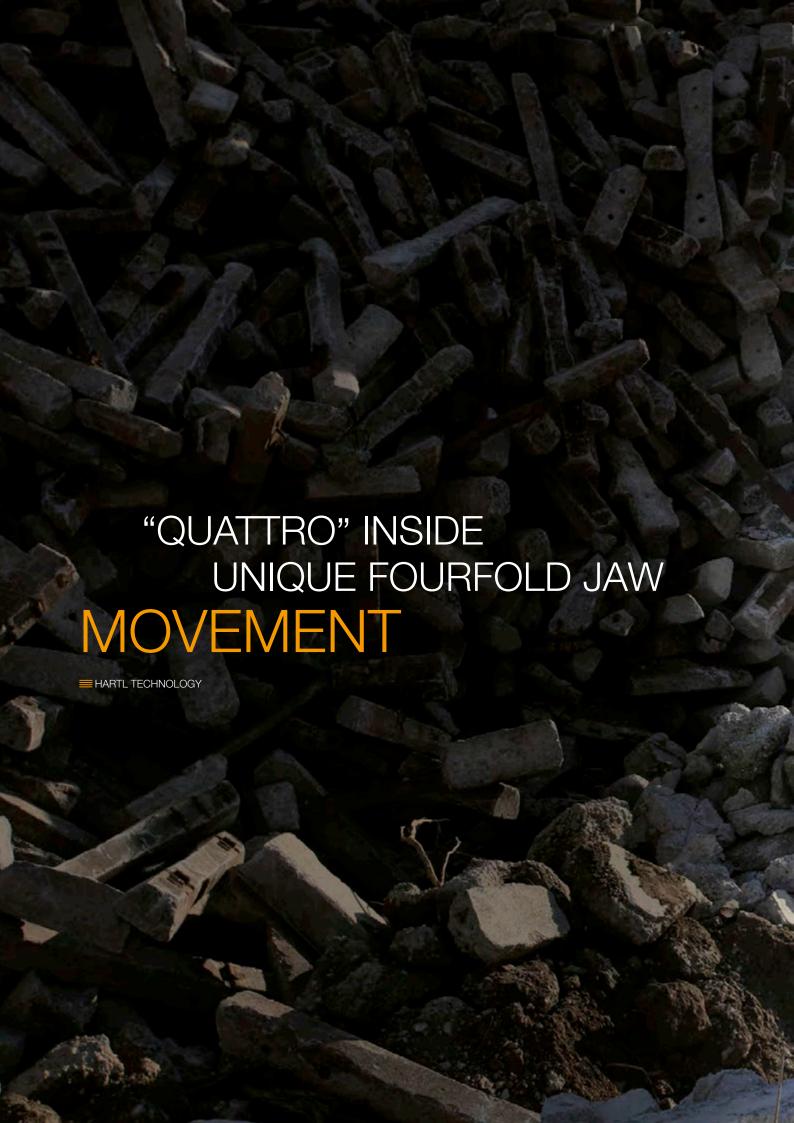


Dominik and Alexander HARTL

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 CRUSHERTM, 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.







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 average 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 and gravel pits, 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
- Personnel costs 1 man
- Set up and preparation costs
- Operation and running costs

Technical data**

MODELS

Excavator weight lbs

Inlet opening in

Rotation rpm

Oil pressure psi

Oil flow rate US gpm

Close side setting min-max in

Load volume y3

Dimensions / Weight

Lenght ft

Width ft

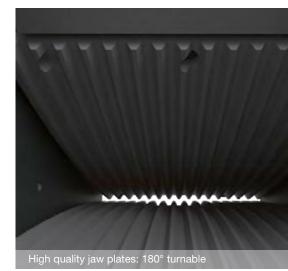
Height ft

Weight lbs

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



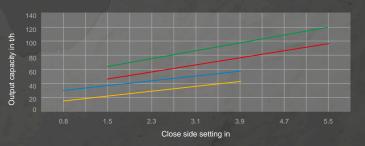
QUATTRO MOVEMENT HIGH RESISTANT JAW PLATES CAST STEEL PENDULUM **CENTRAL LUBRICATION** DUST SUPPRESSION* CRUSH CONTROL* COMPATIBLE QUICK COUPLING SYSTEM* MAGNET SEPERATOR* * Available as an option



HBC 650	HBC 750	HBC 950	HBC 1250
≥ 17600	≥ 35300	≥ 48500	≥ 77160
26 x 20	30 x 20	37 x 21	49 x 22
350	350	350	350
3190	3190	3190	3190
> 26.42	> 38.31	> 52.84	> 76.62
0.80 - 4.00	1.00 - 4.00	1.50 - 5.00	1.50 - 5.50
0.78	0.85	1.10	2.00
	00 47 315		
6.4	7.0	7.6	8.5
3.6	3.8	4.7	5.9
4.2	4.4	4.4	5.5
3461	5732	7870	12566
Harry L		** Right to alter technical i	nformation without notice reserved



HARTL CRUSHER Performance*



HBC 750 HBC 950 HBC 1250

Gap setting adjustment system







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 unmistakable 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
- Personnel costs 1 man
- Crushing costs by pre-screening materials
- Set up and operating costs

Technical data**

MODELS

Excavator weight lbs

Screen drum diameter ft

Screen drum depth ft

Oil pressure psi

Oil flow US gpm

Load volume y3

Total capacity y³

Dimensions / Weight

Length ft

Width ft

Height ft

Weight lbs

MESHES (for all screen types

interchangeable in



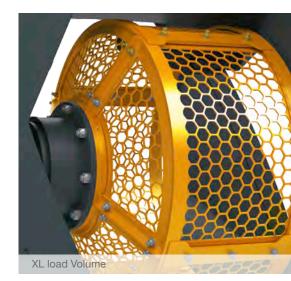
- CENTRALIZED MAINTENANCE & SERVICE CONSOLE
- MESH SIZES 0.8-3.1 in [20 80 mm]
- INTERCHANGEABLE MESH MODULES
- XL LOADING VOLUME
- **CLEANING BRUSH***
- COMPATIBLE QUICK COUPLING SYSTEM*
- **BUCKET TEETH***

* Available as an option

HBS 800	HBS 1200	HBS1600	HBS 2000
≥ 17600	≥ 28660	≥ 48500	≥ 77160
2.6	3.9	5.3	6.6
1.6	2.4	3.6	3.6
1847	2466	2466	2466
6.6	15.8	15.8	15.8
0.33	1.05	2.49	4.45
0.67	2.05	4.84	7.31
6.0	8.6	10.7	12.8
3.9	4.7	6.1	8.0
3.6	5.4	7.0	7.3
1410	2755	5180	10141
	** Right to alter technical information without notice reserved		

[8.0 x 8.0] [1.1 x 1.1] [1.5 x 1.5] [1.9 x 1.9] [2.3 x 2.3] [3.1 x 3.1]

Special hole shapes, sizes and screen media material available on request.





Interchangeable mesh modules







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.



ATTACHMENT CHANGES DONE SAFELY AND QUICKLY - EVERY TIME

The Rockland HKR excavator coupler makes changing attachments easy. Because of patented technology the HKR coupler is also one of the safest couplers available. The coupler combines dual locking springs that prevent the hooks from opening in the event of hydraulic failure. The patented smart valve insures safe operation because the coupler can only release the hooks when it is fully curled and close to the machine.



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.



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.



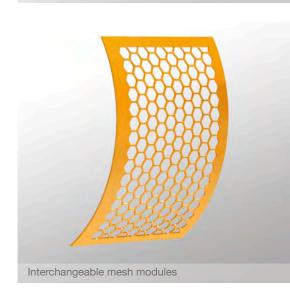
The high quality shovel is constructed from wear resistant steels, is designed to provide a smooth intake of stones and materials and comes optionally with quick fit teeth. The innovative and economically orientated Teeth System ensures high separation accuracy and consists of a newly developed two-part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





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 (0.8 - 3.1 in / 20 - 80 mm) are optionally available and the huge advantage is the extreme ease of change out. HARTL can, on request, provide special hole shapes, sizes and media materials.







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

- An easy, 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!

