

# Hammers, Rammers, Needle Scalers, ...

... AIR TOOLS FOR QUARRIES, FOUNDRIES, CONSTRUCTION ENGINEERING

## UNIVERSAL APPLICATIONS

**Air Hammers can handle many different applications.**

**The chipping hammers, series HC** are mainly used in construction (chipping and demolition, mortising and removal of plaster) as well as in foundries (cleaning of dies and forms).

The chipping hammer HC 040-H19B is the only model in our hammer series that allows the application as a needle scaler by attaching the optionally available hammer adapter HN-H19B. The so-called scaling hammer is used for the removal of rust from larger flat surfaces, and of undesirable residues on stone buildings, sculptures, bridges, etc.

**The demolition hammers (the breaking hammers), series HB** are designed for the demolition of solid rock and similar stone-materials (for example concrete, asphalt, stonework, etc.). Because of their design and weight, they are suitable for both vertical down and angled fabrication.

**The pick hammers of the series HP** have a wide range of application. They are for the demolition of semi-solid and solid rocks as well as other materials (such as concrete, asphalt, coal etc.); also for construction fabrication, for below- and above-ground mining. Because of their low weight, they are well suited for vertical or angled access. However, they may also be used for horizontal and overhead operation. The pick hammers' vibration-level could be lowered dramatically, because of our newly designed vibration-dampening grips. Also, those grips allow an operator to work with these hammers longer while experiencing less fatigue.

**The air rammers of the series HR** are used for the crushing of formed materials, particularly in the glass-blowing industry and where bulk-materials need compacting; they are easy to operate.

**The air scraper series HS** is designed for use during demolition, for working on welding seams, for leveling, for breakthroughs, for the removal of plaster and the loosening of all types of floor coverings. They are also very useful in other industries - for example when shelling bark from trees, when removing casting burrs or when lifting road asphalt.

**The needle scalers series SN** are used for the removal of welding seams, for de-rusting of steel constructions and containers, for removal of paint and scale, for the cleaning of castings, for the cleaning of facades in construction and for the abrading of concrete. The needle scaler SN 10 is best suited for material removal, de-rusting and for simple cleaning operations. The Model SN 25 is used for semi-heavy operations and the Model SN 30 is for heavy-duty fabrication. The Model SN 23 is used in light- and semi-heavy applications where a pistolgrip cannot reach the location to be fabricated. In an explosion-hazardous area, for example in refineries, chemical plants and on oil tankers, a needle scaler equipped with non-arcing copper-beryllium needles should be used.

**The air scaler series AK** is used for the removal of scale and paint and for de-rusting; also for the deburring of flash and forgings. A cylindrical opening on the piston impact-surface allows the attachment of a stainless-steel insert. The scalers are equipped with self-steering pistons and are therefore extremely easy to operate and robust. There is only one moving part, the piston. ... Air tools for mining, construction, foundries.

## GENERAL APPLICATION AND SELECTION GUIDE



Our tools excel through high quality, ergonomic design, simple and safe operation, low maintenance requirement and an outstanding power-to-weight ratio. To select the best suitable hammer, the following parameters are important: application, number of impacts, insertion tool, weight,

air consumption, piston stroke etc. We offer many different air hammers for a variety of designs. They may be used as chipping hammers, construction hammers, riveting hammers, drill hammers, jack hammers, scrapers, etc. When selecting a needle scaler, the following parameters are important:

number of impacts, amount and size of needles, weight, vibration; the scaler AK and industrial vibrator are selected according to housing- and piston diameter. Our air-tool specialists are standing by to help with your selection.

## CHIPPING HAMMERS



Model HC 010-H10B  
(single-handed)



Model HC 012-H14B  
(two-handed)



Model HC 040-H19B

Continuously controllable power



## BREAKING HAMMERS



Model HB 150-H22V



## PICK HAMMERS



Model HP 100-R25V

## RAMMERS



Model HR 085-R60V

- Easy to use
- Safe to operate
- Low vibration



## SCRAPER



Model HS 043-H19B

Extended tube  
- for better access



## DRILL HAMMERS



Typ HD 034-HR19B



Typ HD 170-H22B

The Drill-Hammer HD034-HR19B, when equipped with heavy hammer-drills, can be used for the drilling of foundation- and dowel holes, and when equipped with non-rotational drill- and flat-chisel, to work on pipes and cable ducts. The hammers HD130-H22B and HD170-H22B equipped with drill-rods and drill-crowns, are well suited for operation in the construction industry and in mining. Both hammers are equipped with a central air-flush system. All drill-hammers are equipped with a holding cap or retainer spring, which safely retains the chisel or spade to the equipment. As useful accessories, we offer high-quality and affordable maintenance units, special lubrication oil for air-tools, as well as balancers and oil-resistant pressure-hoses.

## OTHER HAMMERS (RIVETING HAMMER, CHIPPING HAMMER)



Model HC 010-R14D Model HCK 009-R10S Model HC 007-HR12S Model HCK 009-HR12K Model HC 017-HR14K Model HC 007-R10P

These hammers are primarily used in the die-casting-, fabrication-, bridge-building- and construction- industries, as well as in foundries and welding shops. The hammers can also be used in body- and repair shops. For easy removal of welding seems, we recommend the small hammers of the series HC007, HC008 with retainer spring, as well as the HCK009 hammers with cap. The Hammers HC007 and HC008 are especially well suited for stone fabrication, since the adjustment capability allows for an extreme sensitive operation. Chisels and punches are fully secured by the use of an integrated retaining spring or cap.



Riveting hammer  
Model HCD 140-R31V

The HC series of chipping hammers (Models: HC 080 -(H) R20V) are suited for multi-purpose applications. They may be used in the building industry (light chipping and demolition work, grooving, cleaning-off, removing plaster), foundry industry (cleaning of cast-iron, removal of run-over materials and welding seams), and in stone-carving industry (sectioning, decorating etc.)

These riveting hammers are offered for an inserting shape of  $\varnothing$  20x60, Hex-Shaft  $\varnothing$  20/17x60. The HCD series hammer is offered with an inserting shape of  $\varnothing$  31x70.

## RAMMERS



Model HR 093-MK2B

The rammers are used in many applications, such as the scaling of forgings when used with tamped- or rubber butts, the cleaning of Open-Hearth- or Electric Ovens, for the compacting of concrete and dirt during construction, as well as for fabrication in the cement-and stone production. The light-weight rammer HR 042-MK2B is also well-suited for operation in the core production.

## INDUSTRIAL VIBRATOR

For de-rustin, to de-scale burrs on forgings and to remove scale-formations, rust or paint.



Model V 36



## SCALERS

### Needle Scalers SN



### Scalers AK



## SAFETY SPECIFICATIONS

Observe all safety regulations, which are an inseparable component of each DEPRAG INDUSTRIAL tool. A safe operation of the tool and its correct function is only possible, if the instruction booklet has been read in detail and if the required instructions are observed.

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