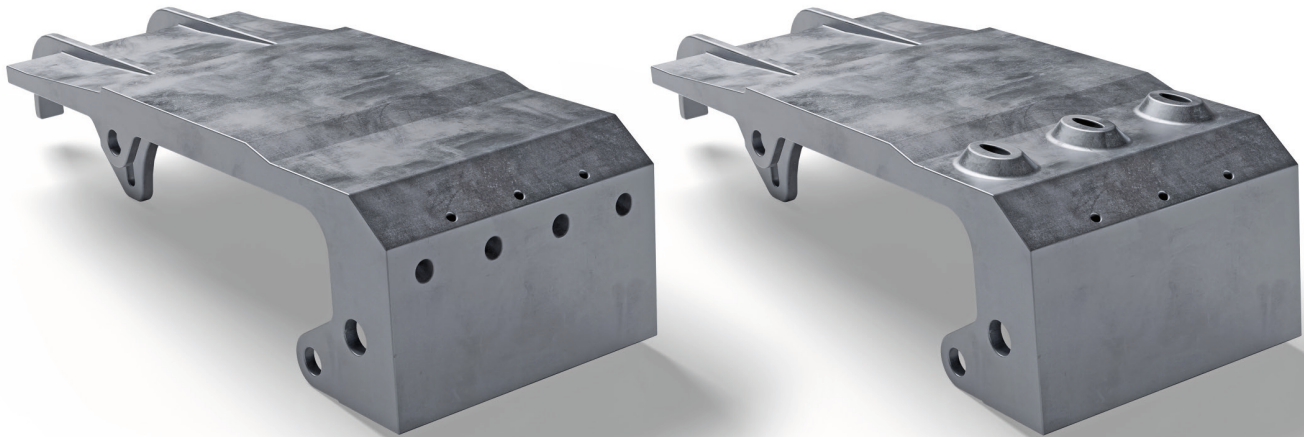


Hitachi Zosen Inova DuoBlock

Double the benefits: lower cost, quicker servicing



The HZI DuoBlock is the first dual grate block in the HZI range. Saving cost, time and materials, it's a worthwhile investment whenever you're servicing any type of R-series reciprocating grate.

Significant cost reductions

The HZI DuoBlock is significantly less expensive in comparison with two HZI single grate blocks. It's quicker to mount, cutting the time spent on fitting the grate by up to one man-day, depending on the size and scope of the service. This saves labour costs and reduces service times.

Modular interchangeability

At the request of customers we have broadened the options for fitting the grate blocks: they can

be mounted using tension rods or bolted together relatively to each other. This makes it possible to replace individual grate blocks. The HZI DuoBlock also fits seamlessly into existing Inova R grate designs, allowing gradual replacement of the blocks during the overhaul.

Less weight, less wear

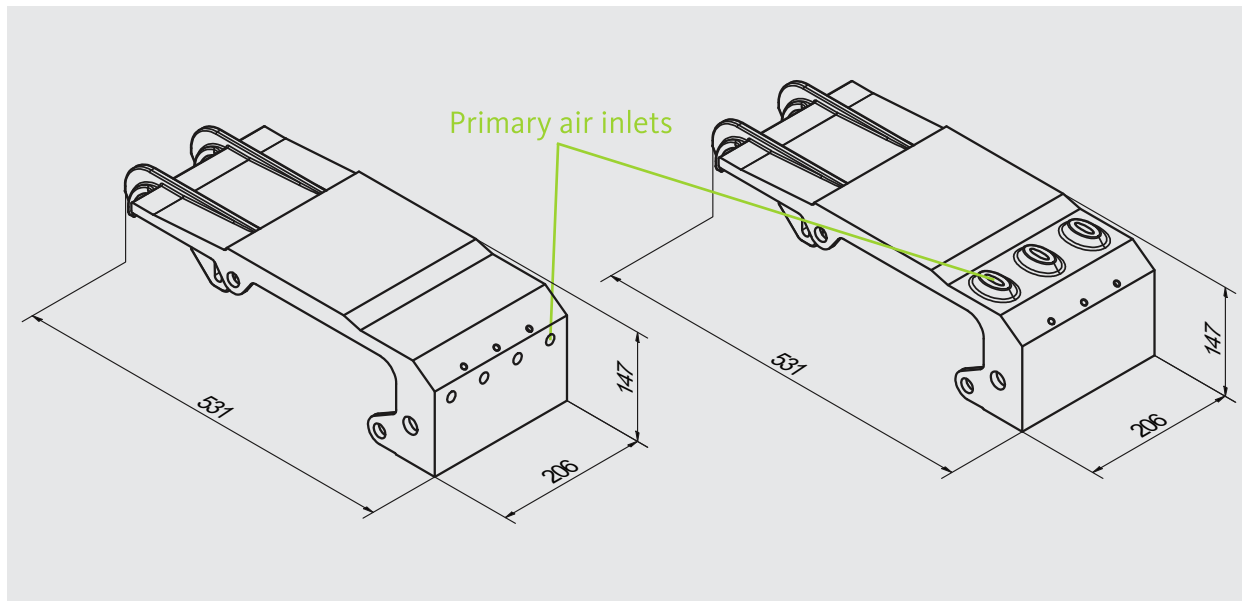
HZI DuoBlock is around 35% lighter than two single blocks. This reduces wear on grate carriages and drives.

Lower downtime

With 50% fewer gaps between blocks, the risk of unscheduled downtime resulting from spreading and setting up of grate lanes is reduced.

Further advantages and client-specific designs

- | Two standard designs available: HZI DuoBlock Classic & HZI DuoBlock 2.o. Client-specific designs available on request.
- | Standard material cast iron, standard metallurgy HZI Duro. Client-specific metallurgies, for example with higher or lower chrome or nickel content, available on request.
- | An innovative wear indicator on the front of the grate block allows objective assessment of its condition and remaining lifetime.
- | Our service team will be glad to provide you with further details and inform you about our customised spare part concepts. We look forward to hearing from you.



HZI DuoBlock Classic: designed for common municipal waste and other fuels, with primary air inlets at the front for optimised burnout.

HZI DuoBlock 2.o: primary air injection through volcanoes on the upper side of the grate block. This reduces the tendency to clogging in special applications, reducing the thermal load and increasing service life.

Type:	HZI DuoBlock Classic	HZI DuoBlock 2.o
Design:	Front primary air injection	Top primary air injection
Material:	HZI-Duro and on request	HZI-Duro and on request
Main dimensions (L x B x H):	531 x 206 x 147 mm	531 x 206 x 147 mm
Weight:	19.8 kg	20 kg
Mounting options:	Tension rod and relative bolting	