

cost-effective change to the Diamond System



rear loader with combined comb/diamond-lifter

comb lifters are replaced by combination comb/diamond-lifters – this allows a mixed utilisation of 2- and 4-wheeled GMT/MGB and DU (diamond) bins in one and the same collection area

re-equipping of standard bins with an adapter



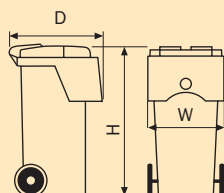
adapter

adapter to standard GMT

re-equipped standard GMT

the collection areas can be converted step-by-step to the Diamond system (DU bins)

this makes the changeover even more cost-effective



DU 240 I



DU eXtra 240 I

Diamond bins 60 – 360 litres

The waste disposal system of the future saves time and money. The emptying of diamond bins requires only one refuse worker – the driver. Instead of a comb lift the refuse vehicles are fitted with a diamond lift (or a combination of both systems). The diamond lift picks the bins up, secures them and, in this way, it enables the bin to be picked up, emptied and replaced quickly and safely.

The self-location of the bin on to the lifting mechanism with diamond lifts enables the emptying process to run up to **20% quicker** than with traditional methods. The firmly secured position of the bin also prevents accidents. The one-man operation of the collection and the quick and safe handling offer enormous potential savings.

DU bin*	60 l	80 l	120 l	140 l	240 l	360 l	240 l steel
Width mm (W)	500 max	500 max	500 max	500 max	585 max	660 max	585 max
Depth mm (D)	610 max	610 max	610 max	610 max	795 max	955 max	795 max
Height mm (H)	952 max	952 max	952 max	1,085 max	1,085 max	1,096 max	1,085 max
Nominal vol. l	60 +10/0	80 +10/0	120 +15/-5	140 +15/-5	240 +15/-5	360 +40/-5	240 +15/-5
Payload kg	40	40	48	56	96	144	144
Wheel-ø mm	200	200	200	200	200	200	200

all dimensions are nominal in accordance with DIN 30760

* DU 60 – 360 l standard with external wheels,

DU 120 and 240 l also available with recessed wheels

standard bin colours

RAL 7016

RAL 8025

RAL 5015

RAL F-7/W1

RAL 1021

anthracite grey

pale brown

sky blue

green

rape yellow

colours are subject to deviation

Diamond System

Advantages

- fast:** considerable time saving in bin lifting process
- economic:** emptying by one-man operation possible
- safe:** completely secure bin positioning due to perfect location
- retrofitable:** fast and easy conversion from GMT bins to the DU system

manufactured in accordance with the DIN 30760 standard

additional noise reducing options available
see page 32

individual lid and body printing possible
see page 46

prepared for the fitting of chips
for identification and weighing
see page 88

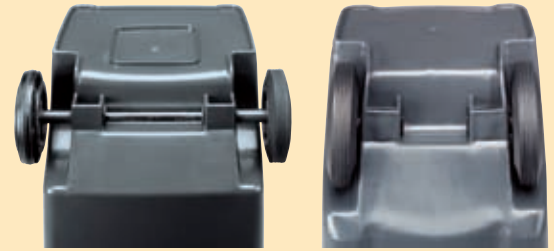
many optional locking systems available
see page 48

robust construction



▲ DU lifting collar with strengthening ribs

variable wheel options



▲ all DU bin sizes available with external wheels

▲ DU 120 and 240 l also available with recessed wheels

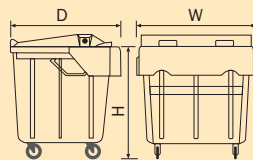
accessories



▲ prepared for identification systems, chip nest

▲ for compostable waste – with lid gap spacers and ventilation holes in the bin walls

DU MGB 660 to 1,100 litres



DU MGB 660 litres

DU MGB 1,000 litres*

DU MGB 1,100 litres steel*

*optional foot pedal lid opener

DU MGB	660l plas.	770l plas.	1,000l plas.	1,100l steel
Width mm (W)	1,280 max	1,280 max	1,280 max	1,280 max
Depth mm (D)	850 max	850 max	1,160 max	1,160 max
Height mm (H)	1,370 max	1,370 max	1,470 max	1,470 max
Nominal vol. l	660 ± 5%	770 ± 5%	1,000 ± 5%	1,100 ± 5%
Payload kg	264	308	440	440
Wheel-ø mm	200	200	200	200

all dimensions are nominal in accordance with DIN 30760

DU 240 litres galvanised steel



▲ galvanised version for use in places of high fire risk