

# 1-Ram Lift

Type: DuoRam



The 1-ram lift, that can be considered as the archetype of all lifts, is still important for today's modern workshops. For certain applications it is the only lift offering ideal working conditions, for example in wash bays, painting preparation and for the various repair works for which the car needs to be freely accessible from all sides.

The newly developed DuoRam combines the advantages of a 1-ram and a 2-ram lift. A major advantage of this new design is the use of two hydraulic cylinders, working independently, that ensure that the car on the lift will not fall, even if one of the hydraulic circuits fails. Two solid guide bars, connected to each other, create by design an unprecedented flexural rigidity in the lifting system.

This innovative lift with its redundant safety system meets the DIN EN 1493 (passenger car lifts) – because your safety is our greatest concern!

In case you need any further information do not hesitate to contact us.

**Originally made by JAB.**

Technical data	DuoRam
Lifting capacity	3,500 kg
Hydraulic piston	2 x 40 mm
Guide bar	2 x 90 mm
Lifting height	1,880 mm
Lifting time	30 s
Installation depth	2,350 mm
Oil filling	10 l
Operating pressure max..	190 bar
Electric motor	1.5 kW

## JAB – Advantages:

- Redundant safety system according to DIN EN 1493
- Absolute flexural rigidity by optimised arrangement of guide bars
- Hard-chromium plated pistons and guide bars assure best possible protection against corrosion, are abrasion-free and totally sealed
- Easy installation: pump unit is integrated into foundation frame
- Foundation cassette and frame are split (only screwed together)
- All force is taken by the foundation frame and lead into the ground
- Optimal maintenance characteristics through easy accessibility of scraper and packing
- High quality head pieces
- Huge accessories program for all requirements
- Low oil volume for environmental friendliness
- Highest quality and long lasting life cycle

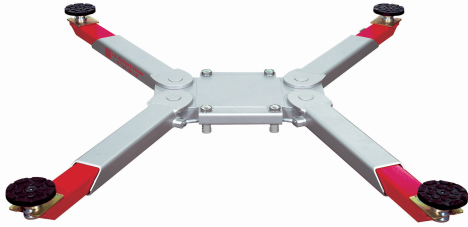


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Different applications need specific head pieces. In combination with JAB's well proven hydraulic system in compact execution you will obtain a robust and service friendly lift.

### Head piece K 23.3



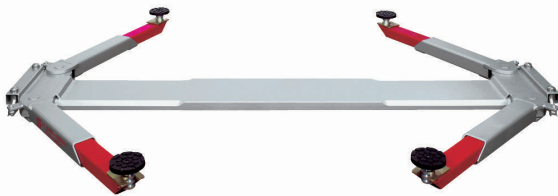
The head piece with swivel arms "from inside to outside" is completely covered by the vehicle's outline, allowing unhindered work at wheels, brakes, doors and door sills.

### Head piece K 36.1 and K 36.2



The double telescopic swivel arms allow you to lift almost all passenger cars and even light commercials. JAB's plug-in system ensures a fast change of vehicle specific supports (positive locking).

### Head piece K 35 and K 33/3,5



This head piece, with swivel arms "from outside to inside," is perfect for working underneath the vehicle. Except for the cross beam, the underside of the vehicle is as accessible as it is with a 2-ram or a 2-column lift.

### Head piece HK 35 and HK 35-L



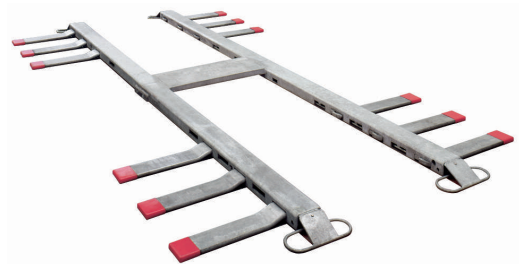
This head piece guarantees a quick, easy and safe reception of vehicles. The low drive-on height (58 mm) simplifies the reception and reduces setup times. The support is adjustable between 1,508 mm and 1,998 mm; the extended execution is adjustable between 1,678 mm and 2,158 mm.

### Type

### Lifting Capacity

K 23.3	3,000 kg
K 36.1	3,500 kg
K 36.2	3,500 kg
K 35	3,500 kg
K 33/3,5	3,500 kg
AE 35	3,500 kg
AE 35-L	3,500 kg
HK 35	3,500 kg
HK 35-L	3,500 kg

### Head piece AE 35 and AE 35-L



The crucial advantage of this excellent head piece is a quick, uncomplicated and safe reception of vehicles. The "Essmann" reception system is convincing by the low drive-on height of the spring plates (20 mm) and by the optimal accessibility of the vehicle's underside. The automatic wheel centering is a further benefit. The standard hot-dip galvanized execution assures best possible protection against corrosion and thus lends itself for application in wash bay. With this head piece you can expect best working conditions.

Head piece AE 35 is suitable for wheel bases from 1,800 mm up to 3,400 mm.

Head piece AE 35-L is suitable for wheel bases from 1,800 mm up to 3,900 mm.



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