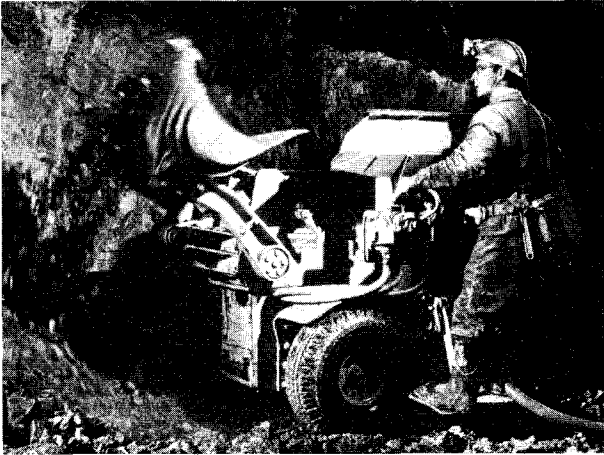


Cavo 310

Wheeled load-and-carry dumper



Data

Weight	3150 kg	6950 hp
Body capacity	1 m ³	35 cu.ft
Bucket capacity	0.13 m ³	4.6 cu.ft
Net. loading capacity	0.7 m ³ /min	25 cfm
Travel speed	1-1.4 m/s	200-275 ft/min
Traction motor rating at 6 bar (87 psi)	2 × 6.4 kW	2 × 8.6 hp
Bucket motor rating at 6 bar (87 psi)	7.2 kW	9.7 hp
Air consumption, average	133 l/s	280 cfm
Air pressure requirement	4-7 bar	58-102 psi
Min. tunnel dimensions (as per Swedish norms) w × h	2620 × 2420 mm	103 × 95 in

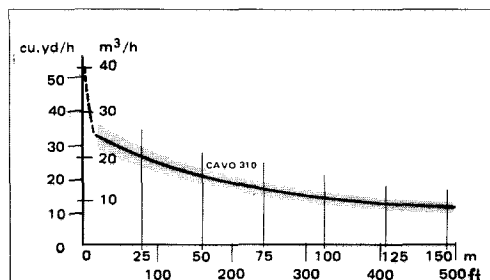
Optional equipment

E-coupled controls

Traction control to the left and bucket control to the right are marked with the letter "E" in the designation, Cavo 310E.

Remote control

Remote control, type	Product No.
REM 31-11	8512 0905 26
REM 31-21 (E-coupled)	8512 0906 17



The Cavo 310 capacity as a function of transport distance. Average values; higher and lower values may be obtained depending on the loading and hauling conditions.

Cavo 310 is a combined loader and transport vehicle. It runs on tyre wheels and is intended to be used mainly in mines.

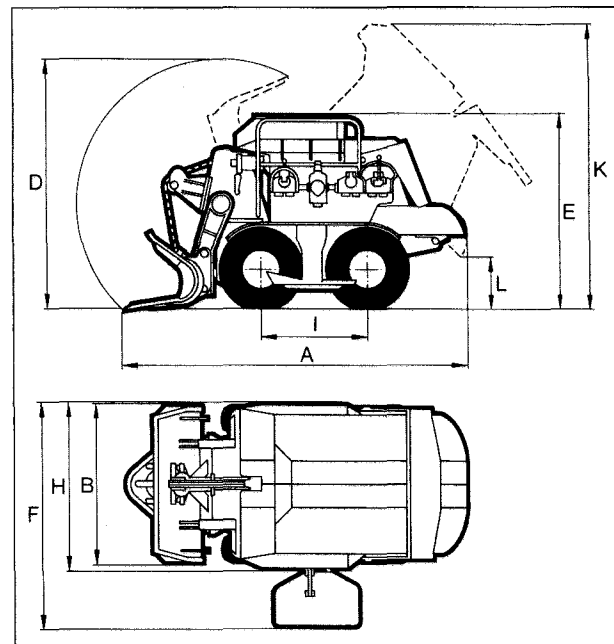
Four-wheel drive and powerful traction motors enable the Cavo 310 to operate up inclines of 1:6 fully loaded, and 1:4 empty.

Its impressive range of operation - up to 200 m (220 yd) - offers flexibility in operation and simplifies switching over between different drawpoints.

The Cavo 310 can easily be dismantled into smaller units for vertical transportation down narrow shafts or between drifts.

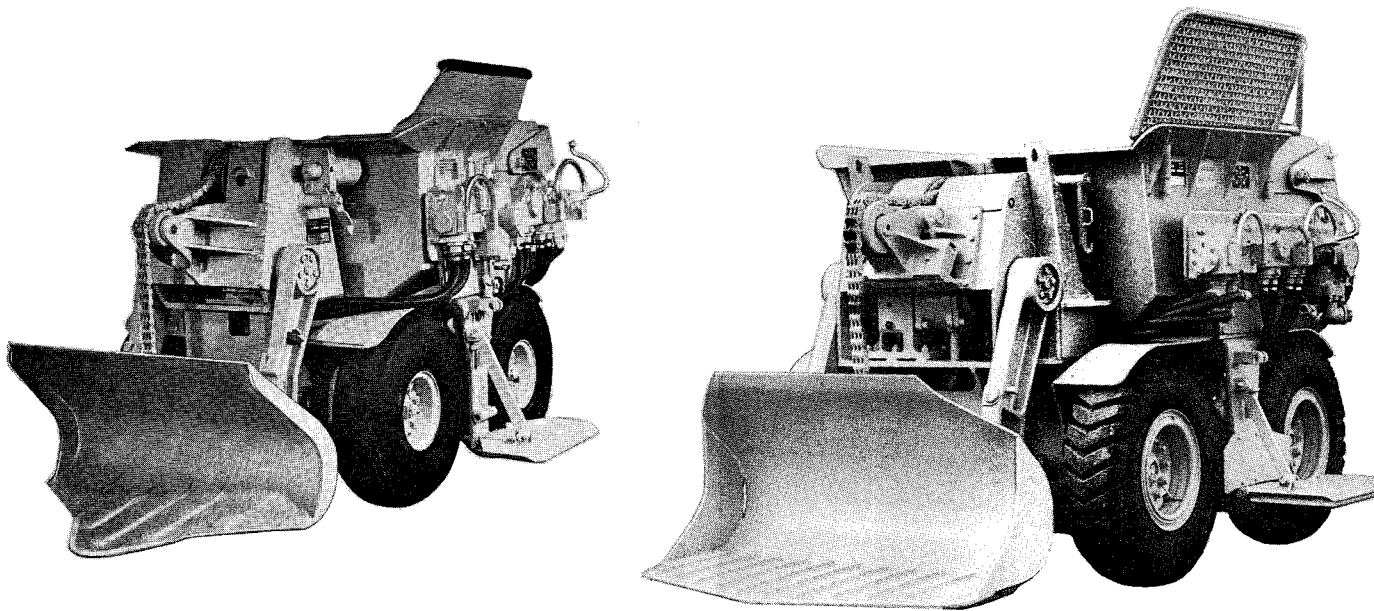
- One-man handling loading, transportation and dumping
- Stepless skid steering via separate traction units
- Powerful prompt discharge and rapid return of emptied car body
- Virtually unlimited mobility within 200 m (220 yd) operating distance
- Remote control (optional)
- Rapid-action, shut-off valve for immediate depressurisation of the loader's air system

Type	Product No.
Cavo 310	8512 0301 00



Dimensions

	A	B	C	D	E	F	G	H	I	J	K	L
mm	2920	1270	2120	1630	1930	1440	910	2420	450			
in	115	50	83	64	76	57	36	95	18			



Cavo 310

Cavo 511 L

The Cavo 310 and 511L autoloading trucks work on the "load-and-carry" principle whereby **one** man handles loading, transport and tipping with no other aid than the auto-loader. These machines have a working radius of 100 m (110 yd) from the air source, i.e. a maximum distance of 200 m (220 yd) between loading and tipping points.

The Cavo 310 has a powerful air cylinder for tipping the car body while in the Cavo 511L this is done hydraulically. The rear flap opens automatically when the tipping movement is actuated. To tip, the angle of tilt is adequate without requiring too much space. The net loading capacity per hour when working loose rock is 35–45 m³ (45–59 cu. yd) for the Cavo 310 and 70–80 m³ (92–105 cu. yd) for the Cavo 511L excluding time for transport and tipping.

