

Concrete Transport

- Quick and safe

Haarup

Haarup batching and mixing plants for the concrete industry since 1964





Concrete Travelling Buckets for all Purposes

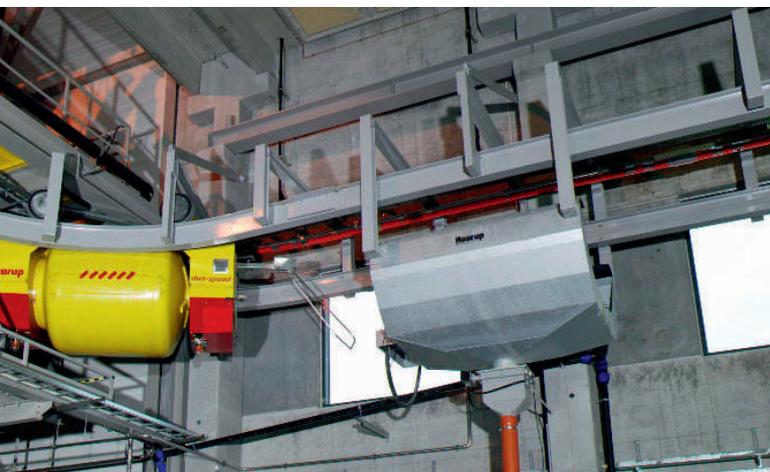
5 Concrete Travelling Buckets in 6 Different Sizes

Haarup has an extensive range of top modern concrete travelling buckets that makes it possible to choose the correct type of concrete transportation for the actual needs. Haarup have several types of drives, that means drives with 2 speeds, frequency regulated drives, and hydraulical drives with more speeds.

Haarup concrete transport solutions are safe investments that give savings in the daily operation.



Remote control for manual control of the concrete travelling bucket.



Washing station for cleaning of 2000 litre duo-speed concrete travelling bucket.



3500 litre duo-speed concrete travelling bucket is being tested before delivery.



Tracks with 15 % gradient and Duo-speed-curve concrete travelling bucket with bottom discharge crosswise the travelling direction.

Concrete travelling bucket

- 3 travelling speeds.
- Heating element in hydraulic tank.
- Genuine travelling in curves with bogies that turn.
- Self-adjusting bogies.
- Manual operation via remote control.
- Cleaning-friendly design.
- Warning flashlight.
- Mechanical safety stop fitted at each end.

Tracks

- Gradient 0-15 % - also in curves.
- Noiseless travelling with rubber wheels.
- Minimum wear and tear of travelling rails.
- High travelling speed.
- Painted or hot-galvanized travelling rails.
- Impact forced friction stop.

Rotating or Bottom Discharge

Rotating discharge has a bucket with domed ends, which gives an efficient discharge. The rotation of the bucket is newly designed and is done by a sealed turning toothed rim and inside fitted geared motor.

Travelling buckets with bottom discharge have a bucket with round corners and double sector gate operated by 2 hydraulic cylinders. The adjustable bottom gate and wearing strips make it possible to adjust for possible wear.



Bottom discharge.



Rotating discharge.



Mono-trans 2000 concrete travelling bucket with rotating discharge. This one has 2 drive stations.

Mono-trans

Mono-rail Concrete Travelling Bucket

The Mono-trans solves Complex Concrete Transport Tasks

The Mono-trans travelling bucket is ideal for short and middle length distances or complicated tracks consisting of one or more rail tracks. Switch-tracks with a small curve radius make the Mono-trans concrete travelling bucket very applicable in existing as well as in new plants.

The Mono-trans concrete travelling bucket with steel travelling wheels travels in an I-profile with up to 120 m/min. and 8 % gradient without complicated friction wheels or rack and pinion drive.



Mono-trans 2000 concrete travelling bucket with bottom discharge.



2000 litre concrete holding hopper.



Switch-track for mono-trans concrete travelling bucket.



Duo-speed

Duo-rail Concrete Travelling Bucket

Quick, Noiseless and Inclining Concrete Transport

Haarup concrete travelling buckets have genuine travelling in curves with self-adjusting bogies and hydraulic automatics that adjust the speed of the wheels when travelling in curves. This construction ensures minimum wear and tear of the rubber wheels. With a travelling speed of up to 180 m/min. and the possibility of a gradient of 15 % investments in the mixing plant can be reduced. Duo-speed-curve concrete travelling buckets manage travelling in curves with a small radius.

1400 litre duo-speed concrete travelling bucket with turnable bogies for genuine travelling in curves.



Self-adjusting bogies for genuine travelling in curves minimize wear and tear of the travelling rails.



< Duo-trans 2000
litre with bottom
discharge.

> Half-gantry concrete
travelling bucket for
hollow core machine.

Duo-trans

Duo-Rail Concrete Travelling Bucket

Approved Construction

The Duo-trans concrete travelling bucket is a well-known construction that has been delivered in several countries. It is designed for transportation of concrete over short or middle length distances.

The Duo-trans concrete travelling bucket with steel travelling wheels for travelling inside a U-profile can travel up to 120 m/min. and have 8 % incline without complicated friction wheels or rack and pinion drive. The Duo-trans-curve concrete travelling bucket is also supplied for travelling in curves with the same genuine bogie design as the Duo-speed-curve concrete travelling bucket.

> Loading of half-gantry
concrete travelling
bucket from a 2000 liter
duo-speed concrete
travelling bucket with
rotational discharge.

> Discharge from
half-gantry concrete
travelling bucket into a
hollow core machine.



Special, duo-rail tandem concrete
travelling buckets type 1000 + 2200
for travelling in curves.



Half-gantry



Special Concrete Transport Solutions

Many Applications

Haarup's concrete travelling buckets are also used in connection with special solutions. Half-gantry for hollow-core production or travelling gantry for automatic distribution in the X-Y direction with concrete to a self-travelling block making machine.

Type	Effective volume in concrete bucket				Mono-trans hardened steel wheels Travelling	Duo-trans Travelling		Duo-speed Rubber wheels Travelling		For mixer type
	litre	yd ³	kg	lbs	straight/ curve	straight	curve	straight	curve	
1000	900	1,18	1200	2645	x	x	x	x	x	1125
1400	1200	1,57	2400	5290	x	x	x	x	x	1500
2000	1850	2,42	3600	7940	x	x	x	x	x	2250
2300	2100	2,75	3600	7940		x	x	x	x	2250 light-weight concrete
2800	2500	3,27	4800	10580		x	x	x	x	3000
3500	3100	4,05	6000	13230		x	x	x	x	3750+3000 light-weight
					max 8%	max 8%		max 15%		



Your partner for the concrete industry - From ideas to conclusions

Haarup have the equipment, know-how and expertise required by the concrete industry. This ensures an optimum solution and the necessary security when investing. Haarup are your natural choice when investing in all types of batching and mixing plants.



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