

## features AP auger buckets

- One-sided or double-sided discharge
- Hydraulically driven
- Suitable for several types of feed
- No spilling of feed
- Long service life
- The special auger suspension ensures fast and easy discharge of the feed
- Unique twopoint linkage in rear attached version
- Very easy to couple and uncouple
- Easy to operate
- Optional electric-hydraulic control in rear attached version
- Limited maintenance
- Available with all common quick attachments
- The hydraulic motor is protected by the special shape of the bucket
- Mechanical drive shaft protection



**MACHINE CONSTRUCTION**  
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## AGRICULTURE

## AP AUGER BUCKETS



auger buckets



sweepers



grab buckets



trencher



cubicle bedders



grading boxes



silage blockcutters



QUALITY FOR PROFESSIONAL USE

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DEALER



## general

Over 35 years ago AP Machinebouw developed the auger bucket, which made AP the first manufacturer to introduce this machine on the market. Because AP continuously attempts to improve her product range the development of the auger bucket is an ongoing process. By being attentive to the wishes of the users the AP auger bucket is a very solid, easy to operate machine that requires little maintenance.

The range consists of 18 models, all hydraulically driven and suitable for both front and rear attachment. Capacities from 475 to 1875 litres, widths from 1,20 tot 2,53 m. Furthermore there is a wide range of options. In short, for every farmers needs the proper auger bucket.



one-sided discharge, front attachment



double-sided discharge, rear attachment

## the types

### VDCE - one-sided discharge

The VDCE-types are one-sided discharging auger buckets. The machines are equipped with an auger in which the machine discharges the feed at the desired side. The mixing auger above the auger, driven by the auger, prevents bridging. The transmission is located in the bucket and is completely maintenance-free.

### VDC - double-sided discharge

The VDC-types are equipped with two augers so that the auger bucket can discharge the feed both left and right. By the use of a control valve both augers can also rotate simultaneously.

On both the VDC- and the VDCE-types the auger suspension is constructed to ensure minimal resistance of the feed during discharging. The hydraulic motor is protected by a shearbolt overload protection. The types for front attachment are delivered with electric-hydraulic control, the types for rear attachment come as standard with a manual control valve.



double-sided discharge, rear attachment



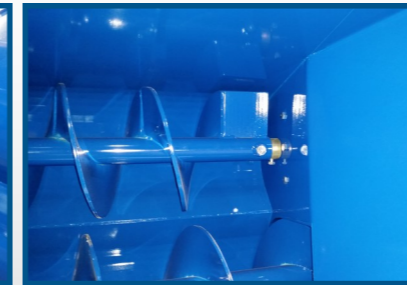
one-sided discharge, equipped with potato cutting device



low-maintenance auger suspension



unique 2-points linkage



shearbolt overload protection

## the options

### ■ Fodder beet cutting device

The **fodder beet cutting device** enables the AP auger bucket to cut and discharge fodder beets and/or similar products within a single operation. The fodder beet cutting device is equipped with a 8-bladed rotating knife with blades from tempered manganese steel and is supplied with a protective cap, a heavy hydraulic motor and, if necessary, an extra roll bar welded on the machine. For the cutting of potatoes a 10-bladed knife is optionally available.



fodder beet cutting device VDCE (8-bladed knife)



fodder beet cutting device with potato knife (10-bladed)

### ■ Mechanical or hydraulic shut-off valves

The use of **shut-off valves** increases a safe operation of the AP auger bucket and prevents loss of feed. The mechanical shut-off valve opens by the pressure of the feed during discharging and closes automatically by the spring pressure if the discharging stops.

Hydraulic shut-off valves are especially recommended for the discharging of feeds with a low dry matter content and / or a fine structure. Hydraulic shut-off valves guarantee a virtually hermetically sealed auger opening.



mechanical shut-off valve

### ■ Stainless steel wear bottom

### ■ Stainless steel wear plate

### ■ Three-, four- or fivefold electrically-hydraulically controlled control valve

### ■ All common quick attachments

## technical specifications

### VDCE - one-sided discharge

Rear-mounted				
Type	Capacity litres	Width cm	Discharge	Weight kg
VDCE 2000 ZU	900	203	L or R	500
VDCE 2250 VZU	1400	228	L or R	650
For wheel-/front loader including reinforcing plate				
VDCE 1170 FB	475	120	L or R	230
VDCE 1370 FB	575	140	L or R	250
VDCE 1570 FB	675	160	L or R	270
VDCE 1750 ZU/FB	800	178	L or R	430
VDCE 2000 ZU/FB	900	203	L or R	475
VDCE 2250 VZU/FB	1400	228	L or R	575
Necessary hydraulic power : 25 l. /min. - 180 bar ( <b>max. 50 l./min. - 200 bar</b> )				

### VDC - double-sided discharge

Rear-mounted				
Type	Capacity litres	Width cm	Discharge	Weight kg
VDC 1750 ZU	1050	178	L + R	545
VDC 2000 ZU	1200	203	L + R	575
VDC 2250 ZU	1350	228	L + R	605
VDC 2500 VZU	1875	253	L + R	725
For wheel-/front loader including reinforcing plate and electric-/hydraulic control				
VDC 1170 FB	700	120	L + R	265
VDC 1370 FB	825	140	L + R	300
VDC 1570 FB	950	160	L + R	335
VDC 1750 ZU/FB	1050	178	L + R	500
VDC 2000 ZU/FB	1200	203	L + R	525
VDC 2250 VZU/FB	1350	228	L + R	600
VDC 2500 VZU/FB	1875	253	L + R	650
Necessary hydraulic power : 25 l. /min. - 180 bar ( <b>max. 50 l./min. - 200 bar</b> ) (VDC 2500 VZU : 40 l./min - 180 bar)				

Necessary : 1 double functioning valve (with max. 20 bar return pressure)

FB	For wheel-/front loader
ZU	Heavy version of high quality steel (plate thickness 5 instead of 3 mm and auger blades 8 instead of 4 mm)
VZU	Increased version (+ 15 cm)