



FRONT LOADER

OVERALL PROGRAM



50
YEARS OF QUALITY
1966-2016

www.hydrac.com



QUALITY FROM HYDRAC

MORE THAN 50 YEARS





HYDRAC is a leading company in the product ranges front-loaders, front-PTO, front-linkages and municipal equipment. With the philosophy "For every truck and tractor, for every job and for each customer the suitable equipment", HYDRAC offers a wide range of products with many different options.

HYDRAC is worldwide the only company in the market, which is offering the automatic "Auto Lock" system. With this system, the operator can mount or dismount the loader without leaving the cabin.

Due to centuries of experience in research/development and the use of modern production methods, we were able to gain market advantage in development and technology. Our quality management system according to ISO9001 ensures best quality and performance.

Perfect service: Extensive consultation and quick customer service is at the top of HYDRAC's priorities! An additional plus: Special requests can be fulfilled in a short and easy way!



EURO KIPP
VITEC

HYDRAC

THE COMPLETE GENERATION

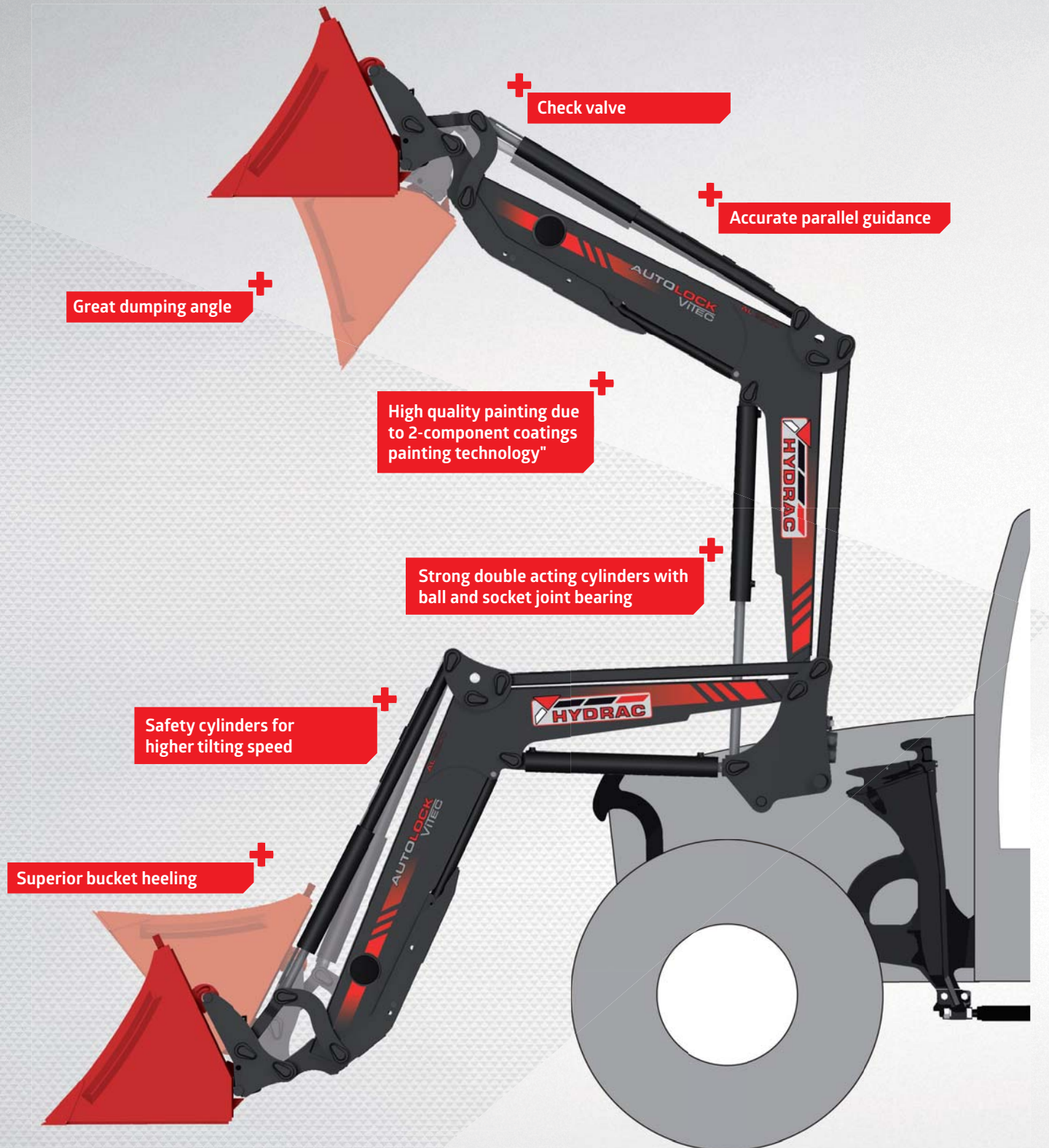
VITEC AUTOLOCK



STRONG FEATURES

HYDRAC FRONT LOADERS

Discover our innovative front loader generation with the best view to the worktool. Our best in class bucket rotation enables high performance loading and our fully equipped loaders satisfy highest customer demands. Synchronized parallel guiding, load holding valve and quick hitch for the worktools are parts of our loaders standard packages.

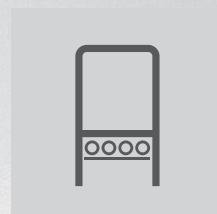




Maximum comfort
Mounting and dismounting
with only one move.



CLEAR VIEW to the imple-
ments trough the new desig-
ned and advanced cross frame



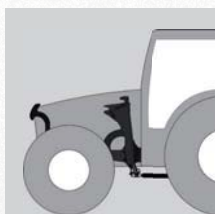
The fine-grain **STEEL LIFTING
ARM** guarantees the
best quality and highest
stability levels. Installation of
the hydraulic lines below the
lever- hidden, better protec-
ted, easily accessible.



EASILY ACCESSIBLE
lubrication points in each bolt
bearing with protective cap!
Bushes in all bearings



**PARKING SUPPORTS EASY
TO HANDLE**
comfortable handling of
parking supports (operating
hydraulically on request)



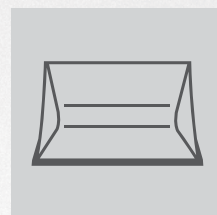
ACTIVE REAR AXLE SUPPORT
active brackets parts provide
a hub free of play from the
brackets on the tractor and
support the frame of the
tractor



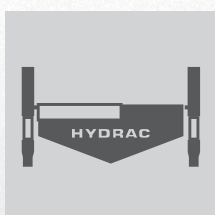
QUICK CHANGE PLATE EURO
hydraulic implement locking
on request



BUCKET-QUICK DRAWDOWN
with floating position when
pushing the button the bucket
will quick drawdown the
material.
A combi function enables
the lifting and the concurrent
drawdown of the bucket.



BUCKET CONICAL
bucket conical with
cutting edge high wear
resistant HARDOX



COMPACT VALVE-UNIT
incl. pressure limitation and
flangeable electro valves
(Single/Duo)



**FINITE-ELEMENT
IMPROVEMENT**
highest stability at
lowest possible weight



YOUR PARTNER IN EVERY SITUATION

FULLY AUTOMATED MOUNTING AND DISMOUNTING
WITHOUT DESCENDING

VITEC AUTOLOCK

Descending is history, our worldwide unique connection system Autolock, enables to mount and dismount the loader in one step. Maximum operator comfort, time saving and perfect safety are the key features of our Autolock loader. Make your workdays as simple and productive as possible, take your time for the really important things!



Fully hydraulic locking system

all mechanical, electrical and hydraulical couplings are connected automatically.

Hydraulically parking supports

By parking the front loader the locking cam is pressed into the rack. Thereby the loader can not descent because of mechanical locking mechanism



STANDARD EQUIPMENT

- ▶ Attach and detach fully automatically in a few seconds
- ▶ Parking supports are folded up and down hydraulically
- ▶ Hydraulic tilting device and safety valve with locking valves
- ▶ Parallel guidance
- ▶ Euro-quickchange attachment
- ▶ Lift/press mechanism for lifting arms
- ▶ Worktool level indicator
- ▶ Active rear axle support (see type catalogue)

+ CHECK VALVE

Your advantage: maximum comfort - maximum safety

Front loader	AL 2100	AL 2200	AL 2200 XL	AL 2300	AL 2300 XL	AL 2500	AL 2500 XL
For tractors see typ catalogue up to approx. [HP]	85 PS	105 PS	125 PS	150 PS	180 PS	210PS	250 PS
Lifting height [mm]	3550	3750	3900	4100	4250	4500	4700
Dumping height [mm]	2620	2720	2970	3170	3320	3570	3770
Overhead loading width [mm]	750	800	800	900	900	1000	1000
Scoop depth [mm]	150	150	150	150	150	150	150
Lifting force at top (at 180 bars) [kg]	1580	1700	1710	1965	2055	2540	2550
Lifting force at bottom (at 180 bars) [kg]	2000	2015	2000	2865	2600	2860	3000
Dumping angle	63°	63°	63°	63°	63°	63°	63°
Scooping angle	46°	46°	46°	46°	46°	46°	46°
Diameter of cylinders [mm]	70/40	70/40	70/40	80/40	80/40	80/45	80/45
Diameter of tipcylinders [mm]	70/36	70/36	70/36	80/40	80/40	80/40	80/40
Weight [kg]	510	600	610	650	690	755	835

Technical specifications are measured at the tool rotation and are dependent on system pressure, tire size and height of attachment. All data without guarantee. Information subject to change without prior notice. Attention: Only use original HYDRAC equipments. Only thereby you get an exact parallel guidance and the specified dumping and scooping angle.

PERFECT VIEW

AT EACH WORKING STEP

VITEC EUROKIPP 2000 & VITEC EUROKIPP 1000

Front loaders from our Vitec Eurokipp 2000 series are offering our unique and patented connection system where the loader locks automatically to the console. During **connection of the loader** with the console, **only one time the tractor's cabin has to be left**. So the operator only has to connect the hydraulics and fold back the parking supports. Our loaders of the Vitec Eurokipp 1000 series are connected to our slim and solid-drive-in frame to enable the best operating view. Our Eurokipp 1000 models are designed for older tractor models.



STANDARD EQUIPMENT

- ▶ Multi hoses coupler
- ▶ Self-contained closing (Eurokipp 2000)
- ▶ Hydraulic tilting device with safety cylinders
- ▶ Parallel guidance
- ▶ EURO-quickchange attachment
- ▶ Lift/press mechanism for lifting arms
- ▶ Worktool level indicator
- ▶ Active rear axle support (see type catalogue)

+ CHECK VALVE



DRIVE IN - CLICK - READY
the mechanical locking system is working automatically



SELF-CONTAINED CLOSING
the hub is free of clearance because of the locking cam.



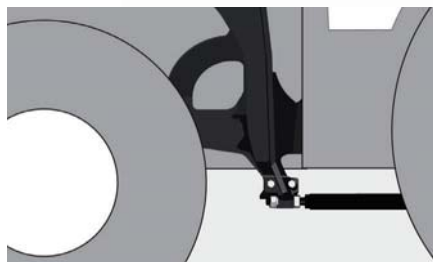
COMFORTABLE MOUNTING AND DISMOUNTING
all operating elements (brackets-closing, parking supports) are reachable comfortably. (Serie 2000)

Front loader	EK 2000 / EK 1000	EK 2100 / EK 1100	EK 2200 / EK 1200	EK 2200 XL	EK 2300	EK 2300 XL
For tractors see typ catalogue up to approx. [HP]	70 PS	85 PS	105 PS	125 PS	150PS	180 PS
Lifting height [mm]	3300	3550	3750	3900	4100	4250
Dumping height [mm]	2370	2620	2720	2970	3170	3320
Overhead loading width [mm]	700	750	800	800	900	900
Scoop depth [mm]	150	150	150	150	150	150
Lifting force at top (at 180 bars) [kg]	1500	1580	1700	1710	1965	2055
Lifting force at bottom (at 180 bars) [kg]	1980	2000	2015	2000	2865	2600
Dumping angle	63°	63°	63°	63°	63°	63°
Scooping angle	46°	46°	46°	46°	46°	46°
Diameter of cylinders [mm]	70/40	70/40	70/40	70/40	80/40	80/40
Diameter of tipcylinders [mm]	70/36	70/36	70/36	70/36	80/40	80/40
Weight [kg]	465	510	600	610	650	690

Technical specifications are measured at the tool rotation and are dependent on system pressure, tire size and height of attachment. All data without guarantee. Information subject to change without prior notice. Attention: Only use original HYDRAC equipments. Only thereby you get an exact parallel guidance and the specified dumping and scooping angle.



VITEC EUROKIPP 1000



ACTIVE REAR AXLE SUPPORT

Active brackets parts provide a hub free of play from the brackets on the tractor and support the frame of the tractor.



COMFORTABLE MOUNTING AND DISMOUNTING

all operating elements (brackets-closing, parking supports) are reachable comfortable. (Series 1000)



PARKING SUPPORTS EASY TO HANDLE

comfortable handling while standing (on request hydraulically)

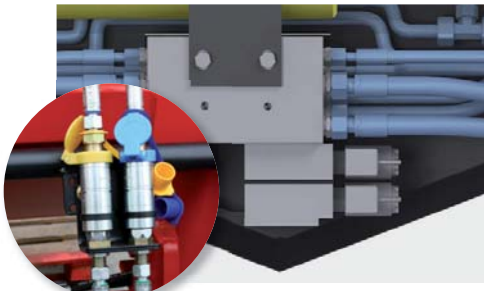


WORKTOOL QUICK UNLOADING FUNCTION

Pressing a button and the bucket is determined by the gravity of the load and is automatically emptied.

ADDITIONAL EQUIPMENT FOR HYDRAC FRONT LOADERS

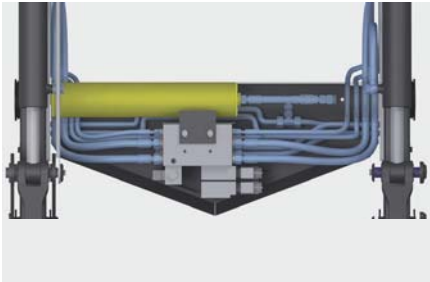
Our original equipment for HYDRAC front loaders enables efficient and comfortable operating. Our equipment is designed for highest quality, durability and is using newest technologies.



ELECTRIC VALVE SINGLE OR DUO - FOR 3RD OR 4TH CIRCUIT

Single: one additionally double acting function (e.g. round bale gripper, silage cutting bucket)
Duo: two additionally double acting functions (e.g. round bale gripper, silage cutting bucket)
 Possible to couple under pressure.

Your advantage: To operating hydraulic worktools e.g. round bale gripper.



SHOCK ABSORBER SDF

For more comfort and security. The accumulator absorbs a great part of vibrations, resultant from frontloader operation.
 · switching on/off is possible mechanically or electrically
 · can also be retrofitted
 · only for series ViTec available

Your advantage: Dampening system to protect the tractor.



SINGLE-LEVER CONTROL

Operated with bowden cables. Up to 4 different operations can be done with just one joystick. (4 double acting hydraulic circuits)

Your advantage: 1 lever - 4 functions (2x doublefunction additionally) -> no hydraulic control unit on tractor needed.



LED WORKING LIGHTS

For perfect lighting of the workplace.



CAMERA-SYSTEM

For better overview and unerring work.



LOAD HOOK

integrated in quick-change plate
endless rotatable



WEIGHING SYSTEM

Measurement via hydraulic pressure and front loader angle sensor. With zero position (tara), summation function, daily, total and total sum of weight displayed in [kg]. Only available for front loader ViTec (AddOn).



MULTI-HOSE COUPLER TYPE "Q"

For direct coupling at the lateral mounted single-lever control device.



PAINTING IN TRACTOR COLOURS

Loader and/or console

Your advantage: 1 step - 4 hydraulic lines connected



HYDRAULIC IMPLEMENT LOCKING

Due to a hydraulic cylinder in the quick change plate, implements can be locked and unlocked from inside the tractor's cabin through operating buttons.



HYDRAULIC SWIVEL DEVICE FOR QUICK-CHANGE PLATE

The implement can be swivelled hydraulically to the left and to the right. Range: ±7°. (e.g. with a mounted snow blade for clearing the sidewalk - the blade can be swivelled back into horizontal position)



On demand: **ATTACHMENT FOR HAUER SWE-B**

Your advantage:

Quick - Safe - Comfortable



BEST QUALITY
BY HYDRAC

WORKTOOLS

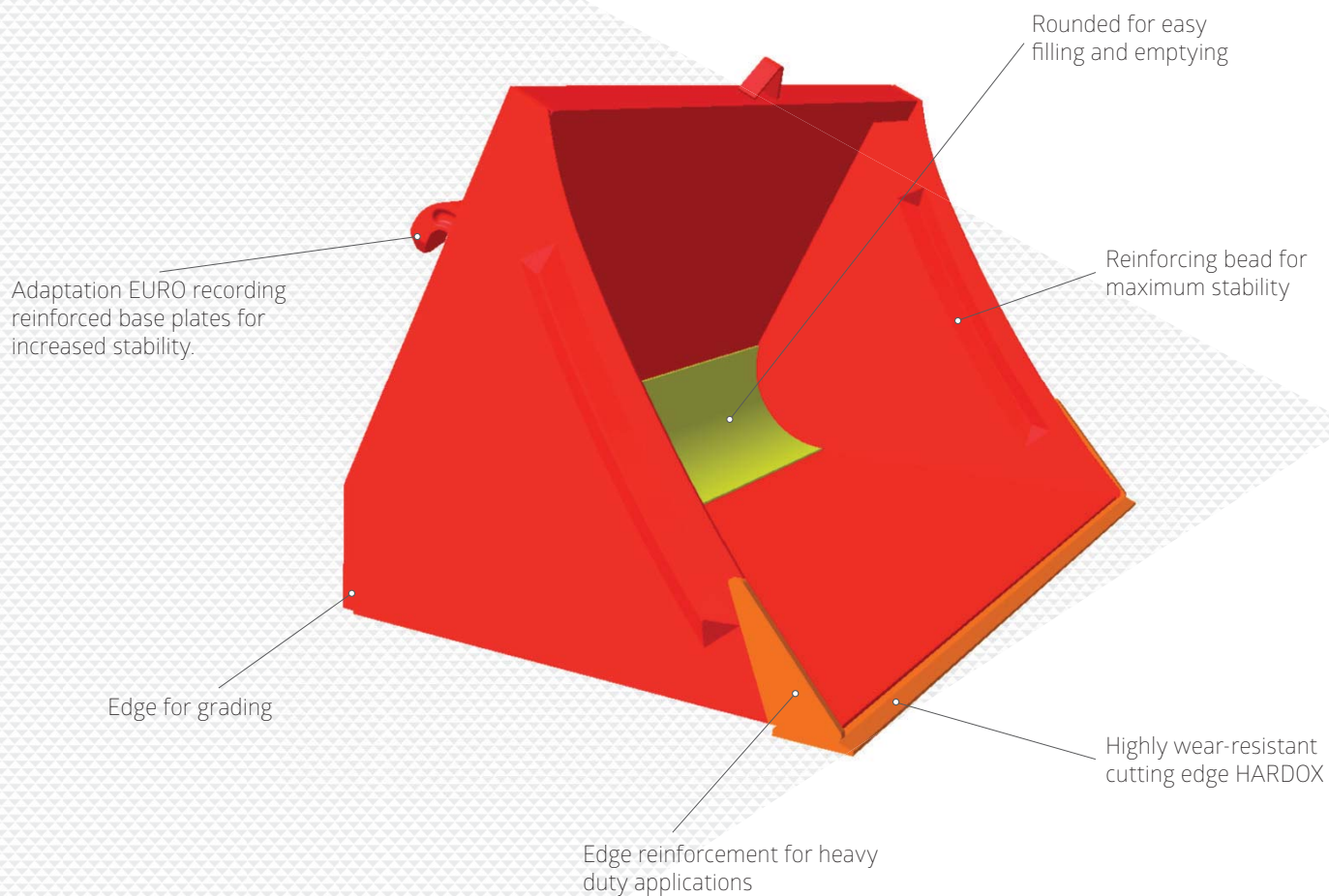
FOR HYDRAC FRONT LOADERS

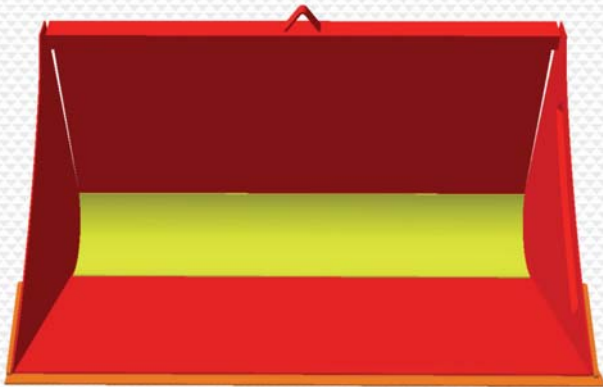
Our HYDRAC worktools are the perfect complements to all HYDRAC front loaders. We ensure to provide perfect parallel guiding and to reach all of the worktool angles with our quality worktools.

CONICAL BUCKETS

WITH HIGH DUTY "HARDOX" WEAR EDGE

"Hardox" combines perfectly hardness, toughness and enables higher performance and longer durability of the cutting edge of HYDRAC's buckets. The conical shape and the rounding of the inside increases the unloading capabilities.



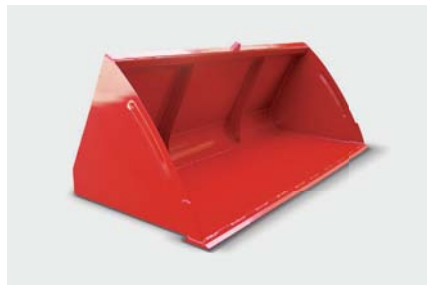


CONICAL SHAPE FOR BETTER EMPTYING



BUCKET CONICAL
(with or without teeth)

Width	Capacity	Weight
1,25 m	322 l	135 kg
1,45 m	370 l	150 kg
1,65 m	4119 l	190 kg
1,85 m	468 l	205 kg
2,05 m	4116 l	225 kg
2,25 m	565 l	240 kg



BUCKET FOR LIGHT MATERIALS
CONICAL

Width	Capacity	Weight
1,65 m	719 l	230 kg
1,85 m	808 l	250 kg
2,05 m	886 l	270 kg
2,25 m	1205 l	315 kg
2,45 m	1314 l	340 kg
2,65 m	1412 l	360 kg



DUNG FORK

Width	Teeth	Weight
1,25 m	7	135 kg
1,45 m	8	155 kg
1,65 m	9	170 kg
1,85 m	10	185 kg
2,05 m	11	200 kg
2,25 m	12	215 kg



PALLET FORK
with hydraulic clamp for holding down

Width	Weight
1,40 m	220 kg



ROUND BALE FORK MECHANICAL
(tines foldable)

Width	Length of tines	Weight
1,40 m	1,00 m	130 kg
1,40 m	1,10 m	139 kg



SLIDING TINES
round, foldable, loose -
for using as a pallet fork

Length of tines	Weight
1,00 m	46 kg



MANURE GRIPPER UNI
hydraulically operated

Width	Capacity	Weight
1,20 m	650 l	210 kg
1,40 m	750 l	230 kg
1,60 m	850 l	250 kg
1,80 m	950 l	270 kg
2,00 m	1050 l	290 kg
2,20 m	1150 l	310 kg



BUCKET GRIPPER
hydraulically operated

Width	Capacity	Weight
1,50 m	650 l	370 kg
1,70 m	740 l	390 kg
1,90 m	820 l	410 kg
2,10 m	950 l	430 kg
2,30 m	1080 l	450 kg



SILAGE BUCKET GRIPPER
hydraulically operated

Width	Capacity	Weight
1,60 m	900 l	400 kg
1,80 m	1000 l	450 kg
2,00 m	1100 l	520 kg
2,20 m	1200 l	570 kg



ROUND BALE GRIPPER 180 M
hydraulically operated, with pressure retaining valve, for soft handling of round bales

Diameter of bale	Weight
95 - 180 cm	240 kg



ROUND BALE GRIPPER 150 Eco
without pressure retaining valve for soft handling of round bales

Diameter of bale	Weight
95 - 150 cm	185 kg



HIGH DUMP BUCKET
hydraulically operated

Width	Capacity	Weight
2,25 m	1205 l	315 kg
2,45 m	1314 l	340 kg
2,65 m	1412 l	360 kg



TIMBER GRIPPER
with hydraulic holding-down clamp

Width	Weight
0,70 m	170 kg



ROTATING TIMBER GRIPPER
hydraulically operated; with rotator and 500 mm arms and inlay of 500 mm

Opening width	Weight
1,00 m	245 kg
1,30 m	253 kg



BIG BAG LIFTER
for Big Bags – heavy loads for ideal conditions to transport

Width	Height	Max. loading
1,33 m	1,48 m	1000 kg



TELESCOPIC HOOK
length 1,50 m; extendable up to 2,00 m



3 POINT QUICK CHANGE PLATE
for using loader implements on a front or rear linkage



3 POINT ATTACHMENT
for the use of 3-point-implements on frontloaders (for transporting)



MULTI-PURPOSE BUCKET
hydraulically operated;
with double-acting cylinder;

Width	Capacity	Weight
1,50 m	420 l	450 kg
1,70 m	470 l	500 kg
1,90 m	530 l	550 kg
2,10 m	580 l	600 kg



SIDE DUMP BUCKET
hydraulically operated; with double-acting cylinder; Please give the dumping direction, left or right

Width	Capacity	Weight
1,60 m	550 l	522 kg
1,80 m	630 l	548 kg



WELD ON PLATES
straight (for pallet forks) or bent (for buckets)



REAR COUNTER WEIGHTS

for hooking in a linkage drawbar 500 kg,
800 kg



FRONT & REAR COUNTER WEIGHTS

500 kg, 800 kg, 1000 kg, 1200 kg,
1400 kg



SNOW BLADE UNIVERSAL

hydraulically operated;
swivel device $\pm 30^\circ$; auto-clinch
Width 1,40 - 3,10 m



Work cage

Safety features: Hose rupture protection by lifting
cylinders, mechanical spherical stop valve on the tilting
cylinders, protective roof and slip resistant base;

Width / depth / height [m]
1,30/1,00/2,00

Weight: 250 kg
permissible load: 450 kg
permissible no.
of riding persons:: 2



Dealer:

www.hydrac.com

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