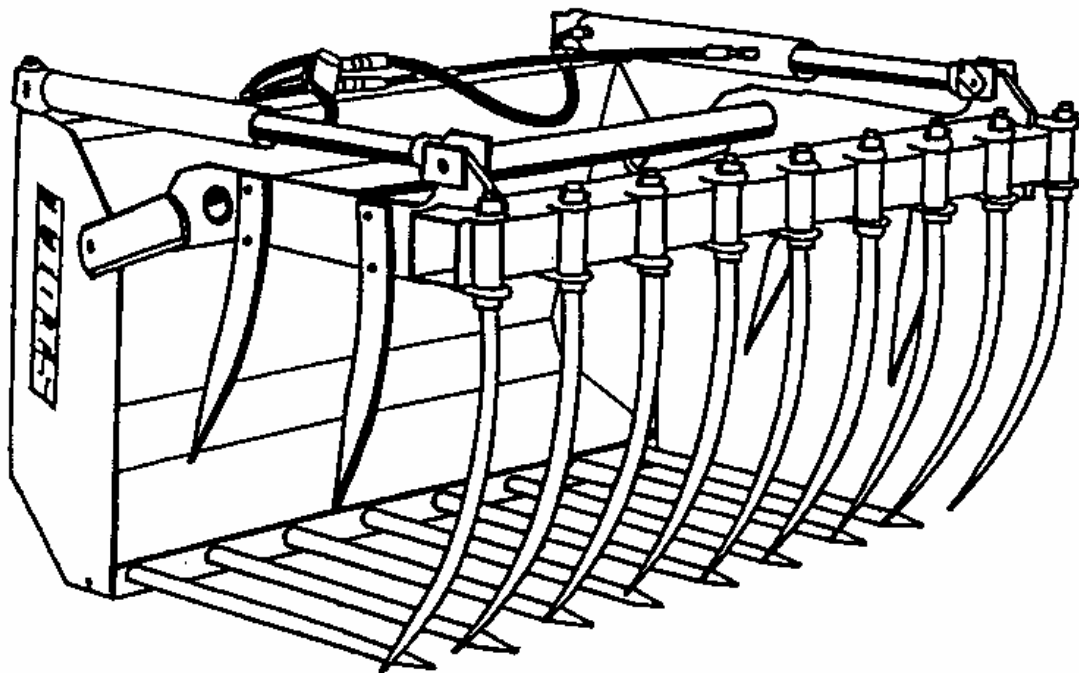


STOLL

Operating instructions

Silage fork with grapple



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P 1296 EN

Edition: **2010**

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Noise information

Noise emission value measured at the operators

position 70 dB(A)

Tighten all screwed joints !

Tightening torque for screws Stability class 8.8 und 10.9 Mean coefficient of friction μ 0,12						
Screws	Tightening torque (Nm)			Screws	Tightening torque (Nm)	
	8.8	10.9			8.8	10.9
M 8	23	33		M 20	380	530
M 8x1	25	35		M 20x2	400	560
M 10	46	65		M 20x1,5	420	590
M 10x1,25	49	69		M 22	510	720
M 12	80	110		M 22x2	540	750
M 12x1.5	84	118		M 22x1.5	560	790
M 12x1.25	88	123		M 24	630	890
M 14	130	180		M 24x2	680	950
M 14x1.5	138	190		M 27	930	1310
M 16	190	270		M 27x2	995	1400
M 16x1.5	210	290		M 30	1260	1770
M 18	270	380		M 30x2	1370	1930
M 18x2	280	400				
M 18x1,5	300	420		5/8" UNC (normal)	175	245
				5/8" UNF (fine)	200	280
				3/4" UNC (normal)	380	530
				3/4" UNF (fine)	420	590



Prior to operating read and observe the operators manual and all safety instructions.



In this operating instruction booklet we have marked all paragraphs which refer to your safety with this sign. Pass on all safety advices also to other users.

Operation in accordance with specifications!

The STOLL silage fork with grapple is built solely for normal agricultural use (operated in accordance with specifications).

Use of the for any other purpose is considered as operation which is not in accordance with specifications and is undertaken as such at the owner's risk.

Observation of the operation and maintenance instructions specified by the manufacturer shall also be taken to the part of operation in accordance with specifications.

The silage fork with grapple may only be operated, serviced and repaired by personnel who are familiar with these functions and who have been instructed of the inherent dangers. Never carry out changes yourself

It is forbidden to approach within reach of this machinery while in use.

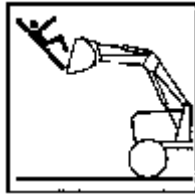
Messrs. STOLL must regrettfully decline responsibility for damage resulting from any misuse.

All relevant accident prevention, safety, health and highway regulations must be complied with.

Safety and prevention of accidents

Most accidents which occur in agricultural enterprises are the result of safety rules being disregarded by personnel.

1. Acquaint yourself with all equipments and control elements just as their function before work start. During work it is too late for that.
2. Before any operation of the silage fork with grapple put the hydr. control unit to its neutral position.
3. **It is forbidden, to convey or raise people in bucket or other implement!**

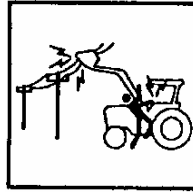


4. The maximum roadspeed with attached load beam is 25 km/h, the maximum working speed is 6 km/h. Check front tyres for correct loader operation air pressures!
5. Never carry out repair, cleaning or lubricating jobs with raised load beam! Lower or remove beam. Lower load beam after completion of work.
6. **Never drive** the tractor **off with a jerk** if the attachment is fully loaden or in its highest position. Drive downhill when pushing together or collecting material, whenever possible load in a trough or dip; **never** drive across a gradient with raised load beam; increase rear track width of the tractor as necessary and never drive with a narrower then standard front track width, even with tractors equipped with an adjustable width front axle.
7. **Do not turn the tractors steering wheel when driving into the material to be loaded.**
8. **Sojourn within the working range is prohibited. Stay clear of raised unsecured loads**



9. Journeys with loaden bucket on public roads are prohibited.
10. Good visibility is essential during frontloader operation (clean cab windows; no risk of dazzling; sufficient lighting of the work area in the dark).

11. Ensure that the front loader is a safe distance away from overhead power lines.
Danger to life in case of contact.



12. Liquids leaking under high pressure (Diesel fuel, hydraulic oil) can penetrate the skin and cause severe injury.
When injured see a doctor immediately!
Danger of infection!



13. Before the first use of the bucket with grab and then at least once a year all hoses must be checked by an expert worker for their operational safety and replaced if required.
The time of use of the hoses should not exceed six years including a maximum storage time of two years. The replacement hoses and pipings must meet with the implement manufacturer's technical standards
14. When searching for leaks appropriate aids should be used because of the danger of injury.
15. Moreover, the accident prevention rules of agricultural trade associations and application requirements for protective devices according to the machinery protection act and the rules of traffic act have to be observed.

Description

The STOLL silage fork with grapple consists of a fork with tines connections for quick attach euro hooks and one top grab which is movable by double acting hydrocylinders.

For controlling the double acting hydrocylinder of the movable grab part the 3rd control circuit or a double acting additional control unit must be installed.

The operation of the silage fork with grapple should favored be executed only in connection with double acting hydrocylinders at the frontloader beam.

Switch off the parallel motion during the lowering operation of the grab when using a HDP frontloader arm. In case of HDP frontloader arms manufactured in and after 1995 parallel motion will automatically be switched off when the third control circuit is operated.

In connection with hydraulical implement actuation the loading material can easily be taken up, grabbed, lifted, transported and discharged dosed.

Setting to work

1. Attachment to the frontloader beam
Catch with quick interchange frame under the hooks of the silage fork with grapple subsequently tilt the quick interchange frame.
2. Hydraulic connection
Connect the hydraulic hoses with the couplings to the connections of the 3rd control circuit.
3. The tines of the upper gripper and the tines of the fork may not be bent in order to ensure proper work. Replace or align immediately tines which might be bent. may not be bent in order to ensure proper work.
4. Operation
 - With the silage fork with grapple in horizontal position, fully open the top grab.
 - With the top grab opened, introduce the silage fork with grapple into the clamp.
 - With the tractor engine at medium speed lower the top grab until it reaches the bottom final position.
Note: Switch off the parallel motion during the lowering operation of the grab when using a HDP frontloader arm. In case of HDP frontloader arms manufactured in and after 1995 parallel motion will automatically be switched off when the third control circuit is operated.
 - Tilt the silage fork with grapple slightly upwards, then drive back out of the clamp and carefully lift the loading material with the frontloader. Drive with caution!

Care and maintenance

The instructions and guidelines published by the tractor manufacturers apply to the service and maintenance of the hydraulic system.

Grease bearings and swivel parts of the tools for bale handling all 10 operating hours.

Swivel bearing of the movable top grab
Hydrocylinder-bearing

2 lubrication points
4 lubrication points

For frontloader operation it is recommendable to use a ballast weight at the rear hydraulic linkage at tractors with 4-wheel drive.

Tighten all screwed joints periodical! The fork tines always have to be fixed in the taper shank.

Use only original STOLL-spare parts!

Terms of Warranty

When taking delivery of the STOLL silage fork with grapple check immediately that all items ordered have been included.

Have any claim confirmed by the forwarding agent on the delivery note and inform the supplier within 14 days about the deficiency (for the extent of supply refer to the "list of items supplied").

We substitute any material which proves to be defective, within the warranty period (six months starting on the day of delivery), provided that the liability to pay assumed at the moment of delivery is met at the terms fixed.

Warranty involves at the supplier's discretion either the repair of the defective component or its replacement (carriage ex works or stock). Any claims which go beyond the replacement of parts (e.g. loss or operational failure) are rejected explicitly.

Warranty becomes null and void if the implement was modified by installation of foreign components without our knowledge and agreement, especially if improper modifications have been carried out.

Warranty becomes likewise null and void if an ascertained defect has not been repaired immediately in a proper way. Repairs of defects caused by operational influences suppose our previous agreement if the total or partial restitution of expenses is claimed.

No warranty is granted for any damage to the silage fork with grapple caused by the non-observance of the permissible working capacity or transport speed.

Components not manufactured by Stoll (hydraulics) are subject to the terms of warranty laid down by the respective manufacturers.

Bucket components which a warranty claim is raised for, have immediately to be sent to our works (Broistedt station) or one of our stocks for material test or ascertainment of damage. Components which are substituted by new ones, become our property.

Beyond that the legal warranty regulations are applicable to the STOLL silage fork with grapple.

DE EG-Konformitätserklärung

entsprechend der EG-Richtlinie 98/37/EEC, 04/108/EEC, 97/23/EEC

EN EC-Declaration of Conformity

according to Directive 98/37/EEC, 04/108/EEC, 97/23/EEC

IT Dichiarazione CE di Conformità

ai sensi della direttiva 98/37/EEC, 04/108/EEC, 97/23/EEC

NL EG-Verklaring van conformiteit

overeenstemming met Machineryrichtlijn 98/37/EEC, 04/108/EEC, 97/23/EEC

FR Déclaration de conformité pour la CEE

conforme à la directive de la 98/37/EEC, 04/108/EEC, 97/23/EEC

ES CEE Declaración de Conformidad

según la normativa de la 98/37/EEC, 04/108/EEC, 97/23/EEC

PT Declaração de conformidade

conforme a norma da C.E.E. 98/37/EEC, 04/108/EEC, 97/23/EEC

DA EF-overensstemmelseserklæring

i henhold til EF-direktiv 98/37/EEC, 04/108/EEC, 97/23/EEC

PL Deklaracja Zgodności CE

według Dyrektywy Maszynowej 98/37/EEC, 04/108/EEC, 97/23/EEC

FI EY : N Vaatimustenmukaisuusilmoitus

täyttää EY direktiivin 98/37/EEC, 04/108/EEC, 97/23/EEC

DE Wir,
EN We,
IT Noi,
NL Wij,
FR Nous,
ES Vi,
PT Me,
DA Vi,
PL Nosotros,
FI Nös,

Wilhelm Stoll Maschinenfabrik GmbH
Bahnhofstr. 21
38268 Lengede
Germany

DE erklären in alleiniger Verantwortung, daß das Produkt:

EN declare under our sole responsibility, that the product:
IT Dichiaro sotto la propria responsabilità che il prodotto:
NL verklaren als enig verantwoordelijken, dat het product:
FR déclarons sous notre seule responsabilité que le produit:

ES declaramos bajo responsabilidad propia que el producto:
PT declaramos com responsabilidade própria que o produto:
DA erklærer på eget ansvar, at produktet:
PL deklarujemy z pełną odpowiedzialnością, iż produkt:
FI ilmoitamme yksin vastaavamme, että tuote:

DE Typ :

EN model :
IT modello :
NL type :
FR modèle :
ES modelo :
PT marca :
DA typ :
PL Model :
FI merkki :

STFH	Poltergabel H mit hydrl. Obergreifer
BALI	Ballenhubstapler
BACL	Folienballenzange
MBTO	Maxi-Ballenkralle
RBHA	Rollen-Ballengabel
SBWG	Greifschaufeln
BWGR	Schaufelzangen
FWGR	Gabelzangen
SCGR	Silageschneidezange
SIGR	Silagezangen

DE Nummer:

EN number :
IT numero :
NL nummer :
FR numéro :
ES número :
PT número :
DA nummer :
PL o numerze :
FI numero :

STFH	3390260
BALI	1339660
BACL	3395020 ; 2364610
MBTO	2449950
RBHA	3327710
SBWG	3307220 ; 2480440 ; 2479490 ; 3324050
BWGR	3322000 ; 3321930 ; 3322150 ; 3322310
FWGR	3327950 ; 3327960 ; 3327970 ; 3327980
SCGR	3334760 ; 2449320 ; 3306680
SIGR	1388850 ; 1314060

DE auf das sich diese Erklärung bezieht, den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Richtlinie entspricht:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

EN to which this declaration relates corresponds to the relevant basic safety and health requirements of the Directive:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

IT E' Conforme ai Requisiti Essenziali di Sicurezza a di tutela della Salute di cui alla Direttiva e sue successive modificazioni:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

NL waarop deze verklaring betrekking heeft voldoet aan de van toepassing zijnde fundamentele eisen inzake veiligheid en gezondheid van de EG-machineryrichtlijn no:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

FR faisant l'objet de la déclaration est conforme aux prescriptions fondamentales en matière de sécurité et de santé stipulées dans la Directive de la:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

ES al cual se refiere la presente declaración corresponde a las exigencias básicas de la normativa de la y referentes a la seguridad y a la sanidad:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

PT a que se refere esta declaração corresponde às exigências fundamentais respectivas à segurança e à saúde de norma da C.E.E.:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

DA som er omfattet af denne erklæring, overholder de relevante grundlæggende sikkerheds- og sundhedskrav i EF-direktiv sam:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

PL dla którego się ta deklaracja odnosi, odpowiada właściwym podstawowym wymogom bezpieczeństwa i ochrony zdrowia Dyrektywy Maszynowej:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

FI johon tämä ilmoitus liittyy, vastaa EY direktiivissä mainitua perusturvallisuus- ja terveysvaatimuksia (soveltuvin osin) sekä muita siihen kuuluvia EY direktiivejä:

EN 12525:2000+EN 12525/A1:2006, EN 12100-1:2003, EN 12100-2:2003, EN 982:1996, ISO 23206:2005

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Konstruktion (Loader Design)



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