



Block cutter

AL

001

Order-No.:

Serial-No.:

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2 Declaration of Conformity

**Konformitätserklärung; Declaration of conformity ; Déclaration de Conformité;
Certificato di conformità norme CE; Declaración de conformidad**

DESCRIPTION: Block cutter
AL

Hersteller: **PROBST GREIFTECHNIK VERLEGESYSTEME**

Manufacturer: Gottlieb-Daimlerstraße 6

Fabricant: 71729 Erdmannhausen

Costruttore: Probst Greiftechnik Verlegesysteme GmbH

Fabricante: info@probst-gmbh.de www.probst-gmbh.de

Fundstellen der harmonisierten Normen:

Applied harmonized standards in particular:

Lieux de découverte des normes harmonisées:

Luogo di accertamento delle norme armonizzate

Aplicados en particular los siguientes estándares

EN ISO 12100-1 **2003**
(ISO 12100-1)

**Sicherheit von Maschinen, Grundbegriffe, allgemeine
Gestaltungsleitsätze, Teil 1: Grundsätzliche Terminologie,
Methodik.**

Safety of machinery; Basic concepts, general principles for design,
Part 1: Basic terminology, methodology.

Sécurité des machines; notions fondamentales, principes
généraux de conception, Partie 1: terminologie de base,
méthodologie.

Sicurezza della macchina, nozioni fondamentali, verifica della
struttura generale, Parte 1: terminologia di base, metodologia.

Seguridad de la maquinaria; conceptos básicos, principios
generales de diseño, parte 1: terminología básica, metodología.

EN ISO 12100-2 **2003**
(ISO 12100-2)

**Sicherheit von Maschinen, Grundbegriffe, allgemeine
Gestaltungsleitsätze, Teil 2: Technische Leitsätze und
Spezifikationen.**

Safety of machinery; basic concepts, general principles for design;
Part 2: principles and specifications.

Sécurité des machines; notions fondamentales, principes
généraux de conception; Partie 2: Principes et spécifications
techniques.

Sicurezza della macchina, nozioni fondamentali, verifica della
struttura generale; Parte 2: principi e specificazioni tecniche.

Seguridad de la maquinaria; conceptos básicos, principios
generales de diseño, parte 2: principios y especificaciones.

DIN EN 294 (ISO 13852)	1992 1996	Sicherheitsabstände gegen das Erreichen von Gefahrenstellen mit den oberen Gliedmaßen. Safety distance against reaching hazard places with the upper extremities. Distances de sécurité afin de pas atteindre le lieux de danger avec les extrémités du corps supérieurs. Distanza di sicurezza al fine di evitare pericolo di passaggio sotto carichi sospesi. Distancia de seguridad con el fin de evitar que las extremidades superiores del cuerpo alcancen las zonas de peligro.
DIN EN 349 (ISO 13854)	1993 1996	Mindestabstände zur Vermeidung des Quetschens von Körperteilen. Minimum distance to avoid squeezing any parts of the body. Distances minimum afin d'éviter une contusion des parties du corps. Distanza minima al fine di evitare contusioni di parti del corpo. Distancia mínima con el fin de evitar contusiones en cualquier parte del cuerpo.

Fundstellen nationaler technischer Normen und Spezifikationen:

Applied national technical standards and specifications in particular:
Lieux de découverte des normes et spécification techniques nationales:
Origine delle norme e specificazioni tecniche:
Aplicados en particular los siguientes estándares:

DIN 8563 T1 + T2	10.78	Sicherung der Güte von Schweißarbeiten. Securing the quality of welding works. Sécurité de la qualité des travaux à souder. Sicurezza di buona tenuta della saldatura. Seguridad de la calidad de la soldadura.
DIN 15428	08.78	Hebezeug Lastaufnahmeeinrichtungen , Technische Lieferbedingungen. Lifting machines, technical delivery terms. Installations pour pendre des charges des appareils de levage, conditions de livraison techniques. Verifica del carico accettato dall' impianto di sollevamento, capitolato tecniche. Elevación de la maquinaria, términos técnicos de entrega.

DIN 31001

04.83

**Sicherheitsgerechtes Gestalten technischer Erzeugnisse;
Schutzeinrichtungen, Begriffe,
Sicherheitsabstände für Erwachsene und Kinder.**

Safety requirements for the design of technical equipment;
protecting devices, definitions, safety distances for adults and
children.

Formation des produits techniques, installation de protection,
notions, distances de sécurité pour des adultes et des enfants,
conformes à la sécurité.

Conoscenza delle norme di sicurezza da parte dell' utilizzatore,
protezioni antinfortunistiche, distanza di sicurezza dei carichi
sospesi da adulti e bambini.

Requisitos de seguridad para el diseño del equipo técnico;
dispositivos de protección, nociones, distancias de seguridad para
adultos y niños.

Signature:

Erdmannhausen, 30.05.2006.....

(M. Probst, Managing director)

3 General

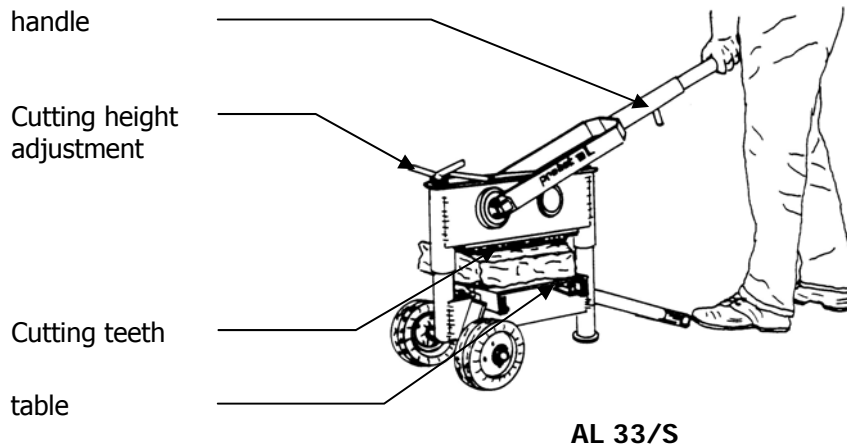
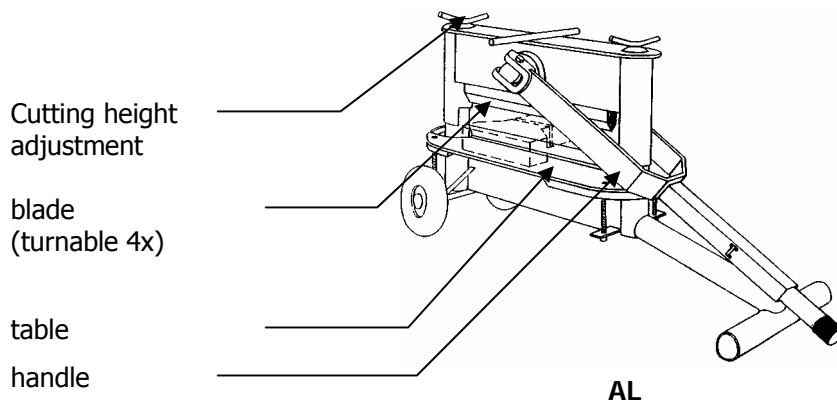
3.1 Authorized use

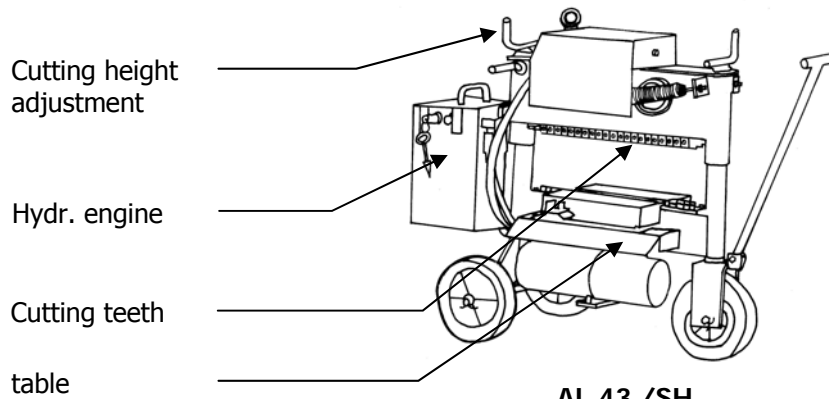


Prohibition

- The device is only designed for the use specified in this documentation.
- Every other use is not authorized and is forbidden!
- All relevant safety regulations, especially regulations of the declaration of conformity, and additional local health and safety regulations have to be observed.

3.2 Survey and construction








AL 43 /SH


	Cutting width	Cutting height	Dead Weight	Article-Number
AL 33 GT	330	10-120	40	5120.0001
AL 43	430	10-120	60	5120.0002
AL 43 /U	430	10-300	65	5120.0003
AL 65	650	10-120	80	5120.0004
AL 33 /S	330	10-135	70	5120.0010
AL 43 /S	430	10-135	75	5120.0011
AL 43 /SH	180-440	10-200	110	5120.0035

4 Safety

4.1 Safety symbols

 Danger	<u>Danger to life!</u> Identifies imminent hazard. If you do not avoid the hazard, death or severe injury will result.
 Attention	<u>Hazardous situation!</u> Identifies a potentially hazardous situation. If you do not avoid the situation, injury or damage to property can result.
 Prohibition	<u>Prohibition!</u> Identifies imminent a prohibition. If you do not avoid the prohibition, death and severe injury, or damage to property will result.

4.1 Safety Marking

WARNING SIGN			
Symbol	Meaning	Order-No.:	Size:
	Danger of pinching the hands.	2904.0221 2904.0220 2904.0107	30 mm 50 mm 80 mm

4.2 Definition skilled worker / specialist

Only skilled workers or specialists is it allowed to carry out the installation,- maintenance, - and repair work on these device!

Skilled workers or specialists must have for the following points (if it applies for these device), the necessary professional knowledge.

- for mechanic
- for hydraulics
- for pneumatics
- for electricians

4.3 Personal safety requirements

- Only qualified, authorized certificated personal is allowed to operate the device and all devices which are connected (lifting equipment).



- Each operator must have read and understood the operating instructions.
- The manual guiding is only allowed for machines with handles.



4.4 Protective equipment

The protective equipment must consist, according to the safety regulations of the following parts:

- Protective clothing
- Safety gloves
- Safety shoes

4.5 Accident prevention



Danger

- The operating range have to be covered for unauthorized persons, especially children.
- The workplace have to be sufficiently illuminated.



Attention



Danger

- Take care handling wet, dirty and not solidified components.
- Take care in case of thunderstorm!



Prohibition

- The working with the device in case of atmospheric editions under 37,5° F is forbidden!
Because the goods could be fall down caused by dampness or freezing.

4.5.1 Unauthorized transportations



Prohibition

All unauthorized transportations with the device are not allowed!

4.5.2 Unauthorized alterations



Prohibition

All unauthorized alterations of the device and the use of any self-made additional equipment could cause danger and are therefore forbidden!!

5 Adjustments

5.1 Operation

- Place the device on solid and plain ground.
- Adjust the cutting height.
- Place the stones between the cutting blades
- Use the lever or push the start-button for the hydraulic engine (Version SH)

**TAKE CARE THAT THERE ARE NO BODY PARTS
BETWEEN THE CUTTING BLADES WHEN YOU
ARE USING THE DEVICE !!**



5.2 Cleaning / Replacement of the blades

To replace or clean the cutting blade or the teeth:

- Blade: Remove the 4 hexagon socket screws at the left and the right side of the blade. You can turn, clean or replace the blade.
- Cutting teeth Remove the hexagon socket screw of the cutting teeth, then remove or clean it.

6 Maintenance and care

6.1 Maintenance

To ensure the correct function, safety and service life of the device the following points must be executed in the maintenance interval.



Take care that for all maintenance services the device is completely shut down!!

MECHANICAL

Service interval

**First inspection after
25 operating hours**

After 50 operating hours

**Minimum 1x per year
(at rough conditions
shorten the interval)**

Maintenance work

- Control and tighten all screws and connection.
(The implementation is only allowed by an expert).
- Tighten all screws and connection (Take care that the tightening torques according to the property class of the screws are observed).
- Check all joints, bolts, guidance's and gears for correct function, if necessary adjust or replace it.
- Check all Grippers (if available) for signs of wear.
- Grease all slidings (if available) when the device is in opened position with a spatula.
- Check of all the suspension parts, bolts and straps. Check for corrosion and safety by an expert.

6.2 Repairs

- Only persons with the appropriate knowledge and ability are allowed to repair the device
- Before the device is used again, it has to be checked by an expert.



For all repairs the device must be completely shut down!

6.3 Safety procedures

- It is the contractors responsibility to ensure that the device is checked by an expert in periods of max. 1 year and all recognized errors are removed (→ BGR 500).
- The corresponding regulations of the declaration of conformity have to be observed!
- We recommend, that after checking the device the badge „Safety checked“ is put on the device. (Order-No.: 2904.0056)
- You can receive these badges from us.



The check by an expert must be proved!

Device	Year	Date	Expert	Company
	2005			
	2006			
	2007			
	2008			
	2009			
	2010			
	2011			
	2012			

