

**Loading Dock Equipment**

# OWNERS MANUAL

## ANCHOR SLEEVES MODEL DBK-1 & DBK-2

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**KIT CONTENTS**

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|-------------------------------|-------------------------------|
| <b>MODEL • DBK-1 (AS-344)</b> | <b>MODEL • DBK-2 (AS-346)</b> |
| 4 - 5" lag bolts              | 4 - 5" lag bolts              |
| 4 - nuts                      | 4 - nuts                      |
| 4 - washers                   | 4 - washers                   |
| 4 - anchor sleeves            | 4 - anchor sleeves            |
| 1 - 3/4" masonry bit          |                               |

**INSTALLATION INSTRUCTIONS**

*For proper performance and safety, follow the step by step installation procedure.*

- 1.) Not recommended for use in new concrete which has not had sufficient time to cure.
- 2.) Always wear safety glasses.
- 3.) Follow the drill manufacturer's safety instructions.
- 4.) Use only Solid Carbide-Tipped drill bits.
- 5.) Drill the hole perpendicular to the work surface. To assure full holding power, do not ream the hole or allow the drill to wobble.
- 6.) Recommended minimum embedment in concrete:

**Laminated Dock Bumpers**

3-3/4" deep

**Molded Bumpers**

1-1/2" thick @ bolt hole - 2-1/2" deep

1-3/4" thick @ bolt hole - 2-1/4" deep

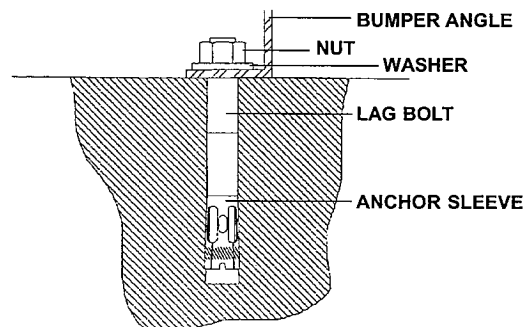
- 7.) Clean the hole using compressed air and a wire brush. A clean hole is necessary for proper performance.
- 8.) Assemble the washer and nut on the anchor so the nut protrudes slightly beyond the thread.
- 9.) Tap the anchor through the bumper and into the hole, making sure the nut or head rests solidly against the fixture.
- 10.) Tighten the nut or head 3-5 turns past the hand tight position.

**USER SAFETY INSTRUCTIONS**

**FOR CARBIDE TIPPED MASONRY DRILL BITS**

*The safe operation of power tools and accessories is paramount. Use power tools that are properly grounded and comply with OSHA standards. Operator should be thoroughly trained in the safe use of the tool.*

- A Hammer Drill is recommended for masonry drilling.
- Don't wear loose-fitting clothes that can become tangled in drill.
- Be sure shank is clean before inserting into tool.
- Be sure bit is firmly seated into the hammer drill.
- Clear hole frequently of dust to prevent binding.
- If drilling time increases, it is an indication the carbide tip needs resharping. Do not continue using drill bit.
- Never drill beyond the length of the fluting.
- Never pour water into a hole while drilling.
- Avoid impenetrable objects embedded in the concrete. This may cause bit failure.
- Do not attempt to realign an off-center hole or change direction of hole.



**ANCHOR SLEEVES MODEL DBK-1 & DBK-2**

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**Equipo de Carga de Andenes**

# MANUAL DEL PROPIETARIO

## ANCLAS DE CASQUILLO MODELO DBK-1 & DBK-2

### Contenido

Contenido del Juego.....	2	Instrucciones de Seguridad de Uso.....	2
Instrucciones de Instalación.....	2	Dibujo de Ensamble.....	2

### CONTENIDO DEL JUEGO

MODELO • DBK-1 (AS-344)	MODELO • DBK-2 (AS-346)
4 - pija de 127 mm	4 - pija de 127 mm
4 - tuercas	4 - tuercas
4 - rodanas	4 - rodanas
4 - ancla de casquillo	4 - ancla de casquillo
1 - broca de mampostería de 19.5 mm	

### INSTRUCCIONES DE INSTALACIÓN

*Para un rendimiento apropiado y seguro, siga paso a paso el procedimiento de instalación*

- 1.) No recomendado para uso en concreto nuevo que no ha tenido tiempo suficiente para secarse.
- 2.) Siempre use anteojos de seguridad.
- 3.) Siga las instrucciones de seguridad del taladro del fabricante.
- 4.) Use solo brocas con punta de carburo.
- 5.) Taladre el barreno perpendicular a la superficie de trabajo. Para asegurar un agarro seguro, no arrime o permita que el taladro se mueva elípticamente.
- 6.) Profundidades mínimas recomendadas en concreto:

#### Topes de Andes Laminados

95.25 mm de profundidad

#### Topes Moldeados

38 mm de anchura con un agujero de 63.5 mm de profundidad

44.5 mm de anchura con un agujero de 57 mm de profundidad

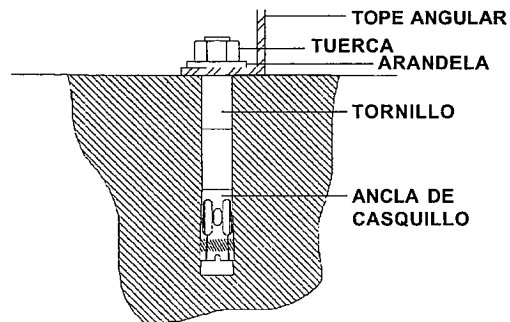
- 7.) Limpie el barro con aire comprimido y cepillo de alambre.
- 8.) Ensamble la rodana y la tuerca sobre el ancla hasta que la tuerca sobresalga el tubo.
- 9.) Eche el ancla a través del tope y dentro del barreno, asegurándose que la tuerca o cabeza descansa solidamente contra la plantilla sujetadora.
- 10.) Gire la tuerca o cabeza 3-5 vueltas más tras la posición apretada.

### INSTRUCCIONES DE SEGURIDAD DEL USUARIO

#### PARA BROCAS CON PUNTA DE CARBURO

*La operación de berromientos y accesorios es esencial. Use herramientas conectadas a la tierra apropiadamente y cumpla con los estándares O.S.H.A. El operario debe estar ebidamente entrenado en el uso de la herramienta.*

- Se recomienda un martillo de taladro para hacer los agujeros.
- No se ponga ropa suelta que se pueda enrollar en el taladro.
- Asegurese de que el la punta de la broca esta limpia antes de meterla en la herramienta.
- Asegurese de que la broca está bien asentada en el martillo de taladro.
- Limpie el agujero de polvo a menudo para preveer que se tapone.
- Si el tiempo de taladro incrementa, es una indicación de que la broca necesita ser afilada. No continúe usando la broca.
- Nunca taladre más que la longitud del taladro.
- Nunca ponga agua en el agujero mientras se taladre.
- Evite objetos impenetrables que estan en el concreto. Esto prodria causar que la broca fallase.
- No intente re-aliniar un agujero descentrado o cambiar la dirección de un agujero.



**ANCLAS DE CASQUILLO MODELO DBK-1 & DBK-2**

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**Équipement pour Quai de Chargement**

# MANUEL D'UTILISATION

## CHEVILLE D'ATTACHE MODÈLE DBK-1 & DBK-2

### Contenu

Contenu du kit.....	3	Instructions de sécurité pour l'utilisateur.....	3
Instructions d'installations.....	3	Schéma d'assemblage.....	3

### CONTENU DU KIT:

MODÈLE • DBK-1 (AS-344)	MODÈLE • DBK-2 (AS-346)
4 - boulons de 127 mm	4 - boulons de 127 mm
4 - écrous	4 - écrous
4 - rondelles	4 - rondelles
4 - chevilles	4 - chevilles
1 - mèche de maçonnerie de 19.5 mm	

### INSTRUCTIONS D'INSTALLATION

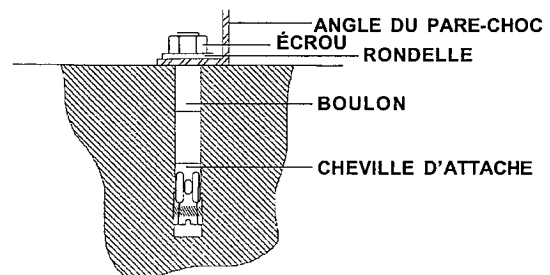
**Pour une bonne performance en toute sécurité, suivre la procédure d'installation point par point.**

- 1.) Non recommandé pour l'utilisation dans un ciment qui n'a pas eu assez de temps pour sécher.
- 2.) Toujours utiliser des lunettes de sécurité.
- 3.) Suivre les instructions de sécurité du fabricant concernant le perçage.
- 4.) N'utiliser que de solides mèches à pointe de carbure.
- 5.) Percer le trou perpendiculaire à la surface de travail. Pour assurer un plein pouvoir de maîtrise, ne pas élargir le trou ou faire trembler la mèche.
- 6.) Incrustage minimum recommandé dans le ciment:  
**Pare-chocs laminés**  
95.25 mm de profondeur  
**Pare-chocs moulés**  
38 mm d'épaisseur au trou de boulon - 63.5 mm de profondeur  
44.5 mm d'épaisseur au trou de boulon - 57 mm de profondeur
- 7.) Nettoyer le trou en utilisant un tuyau à air comprimé et une brosse métallique. Un trou propre est nécessaire pour une bonne performance.
- 8.) Assembler la rondelle et l'écrou sur la cheville afin que l'écrou fasse légèrement saillie au dessus du filetage.
- 9.) Tapoter la cheville afin qu'elle rentre dans le pare-choc et dans le trou, en s'assurant que l'écrou ou la tête repose solidement contre l'installation.
- 10.) Serrer le boulon ou la tête 3 à 5 tours après la position du serrage à main.

### INSTRUCTIONS DE SÉCURITÉ POUR L'UTILISATEUR

**POUR MÈCHES DE MAÇONNERIE À POINTE DE CARBURE**  
*Le fonctionnement sans danger d'outils et d'accessoires électriques est d'une suprême importance. Utiliser des outils électriques se connectant correctement à des prises de terre et qui se conforment aux normes OSHA. L'utilisateur devrait être parfaitement entraîné à l'utilisation sans danger de l'outil.*

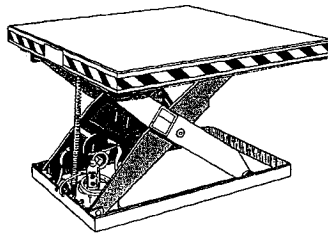
- Un marteau-piqueur est recommandé pour le perçage.
- Ne pas revêtir de vêtements larges qui pourraient s'entortiller dans l'instrument de perçage.
- S'assurer que la partie connectrice de la poignée soit propre avant de l'insérer dans l'outil.
- S'assurer que la mèche soit bien insérée dans le marteau-piqueur.
- Enlever fréquemment la poussière du trou pour éviter tout coincement.
- Si le temps de perçage augmente, ceci signifie que la mèche en carbure doit être affûtée à nouveau. Ne pas continuer à utiliser la mèche.
- Ne jamais percer au delà de la longueur de la cannelure de la mèche.
- Ne jamais verser de l'eau dans le trou lors du perçage.
- Éviter tout objet impénétrable incrusté dans le ciment. Ceci pourrait causer un mauvais fonctionnement de la mèche.
- Ne pas essayer de réaligner un trou décentré ou de changer la direction du trou.



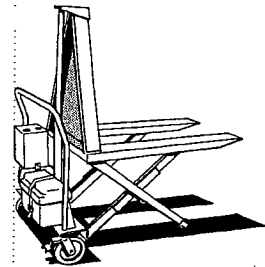
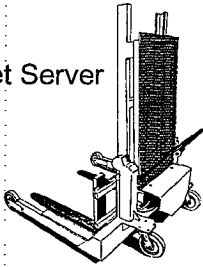
CHEVILLE D'ATTACHE MODÈLE DBK-1 & DBK-2

# Material Handling Problem Solvers

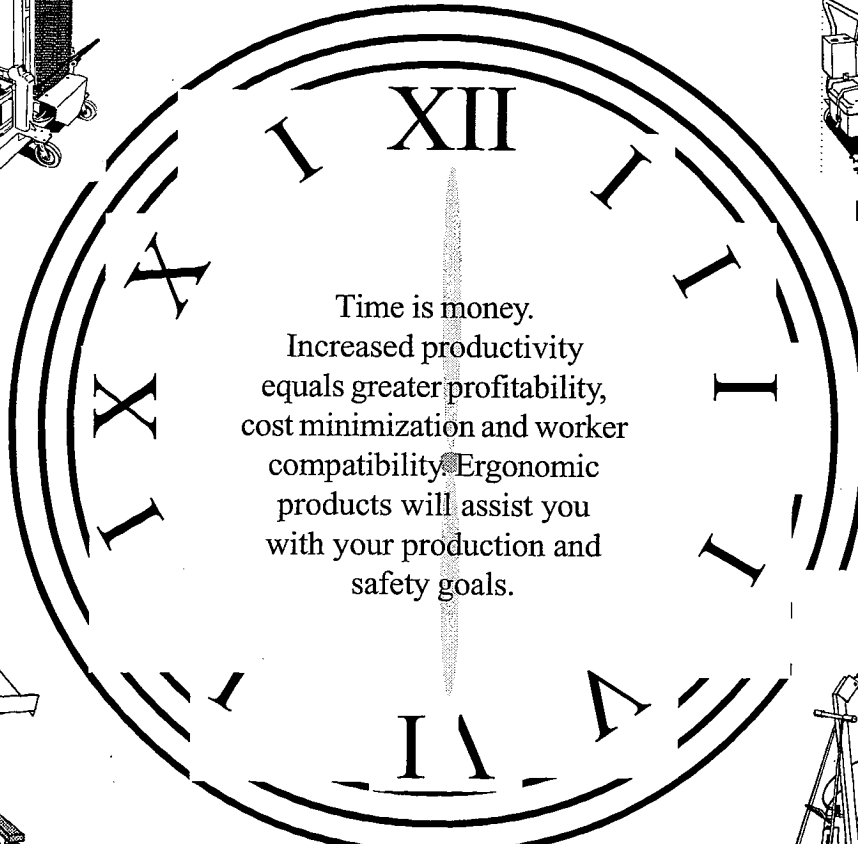
Scissor Lift Table



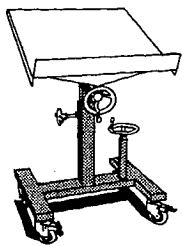
Pallet Server



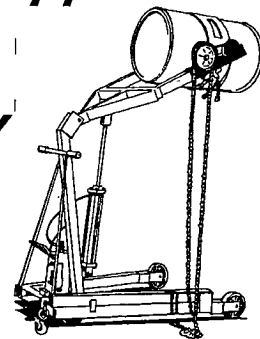
High Rise Lift



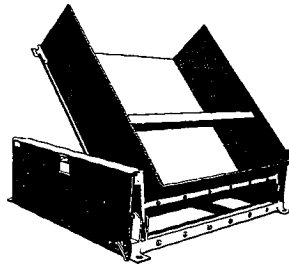
Time is money.  
Increased productivity  
equals greater profitability,  
cost minimization and worker  
compatibility. Ergonomic  
products will assist you  
with your production and  
safety goals.



Mobile Lift & Tilt  
Work Stand



Drum Carrier/Rotator



Ground Lift Tilter

## LIMITED WARRANTY

Vestil Manufacturing Corporation (“Vestil”) warrants this product to be free of defects in material and workmanship during the warranty period. *Our warranty obligation is to provide a replacement for a defective original part if the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service.*

### Who may request service?

Only a warrantee may request service. *You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.*

### What is an “original part”?

An original part is a part used to make the product as shipped to the warrantee.

### What is a “proper request”?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail  
Vestil Manufacturing Corporation  
2999 North Wayne Street, PO Box 507  
Angola, IN 46703

Fax  
(260) 665-1339  
Phone  
(260) 665-7586

Email  
sales@vestil.com

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

### What is covered under the warranty?

After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions (“wearing parts”): bearings, hoses, wheels, seals, brushes, batteries, and the battery charger.

### How long is the warranty period?

The warranty period for original components is 15 days. The warranty period begins on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. Vestil may extend the warranty period for products shipped from authorized distributors by *up to 30 days* to account for shipping time.

### If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

### What is not covered by the warranty?

1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
  - Product misuse;
  - Negligent operation or repair;
  - Corrosion or use in corrosive environments;
  - Inadequate or improper maintenance;
  - Damage sustained during shipping;
  - Collisions or other incidental contacts causing damage to the product;
  - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

### Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.

