

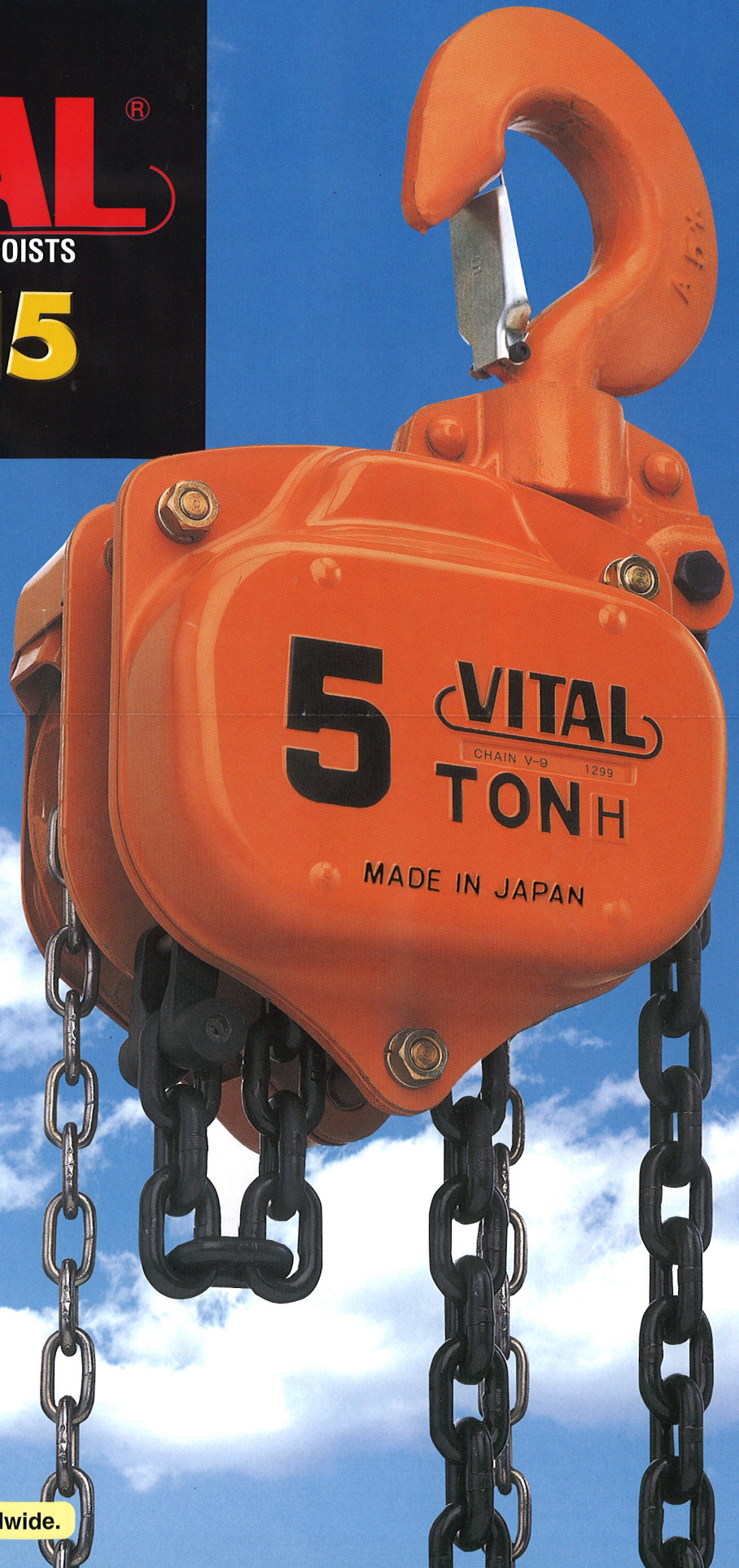
A powerful helper!

HIGH QUALITY

VITAL[®]

HAND CHAIN HOISTS

VH5



Moving products
from one place
to another



Uprooting trees



Installing under-
water pump

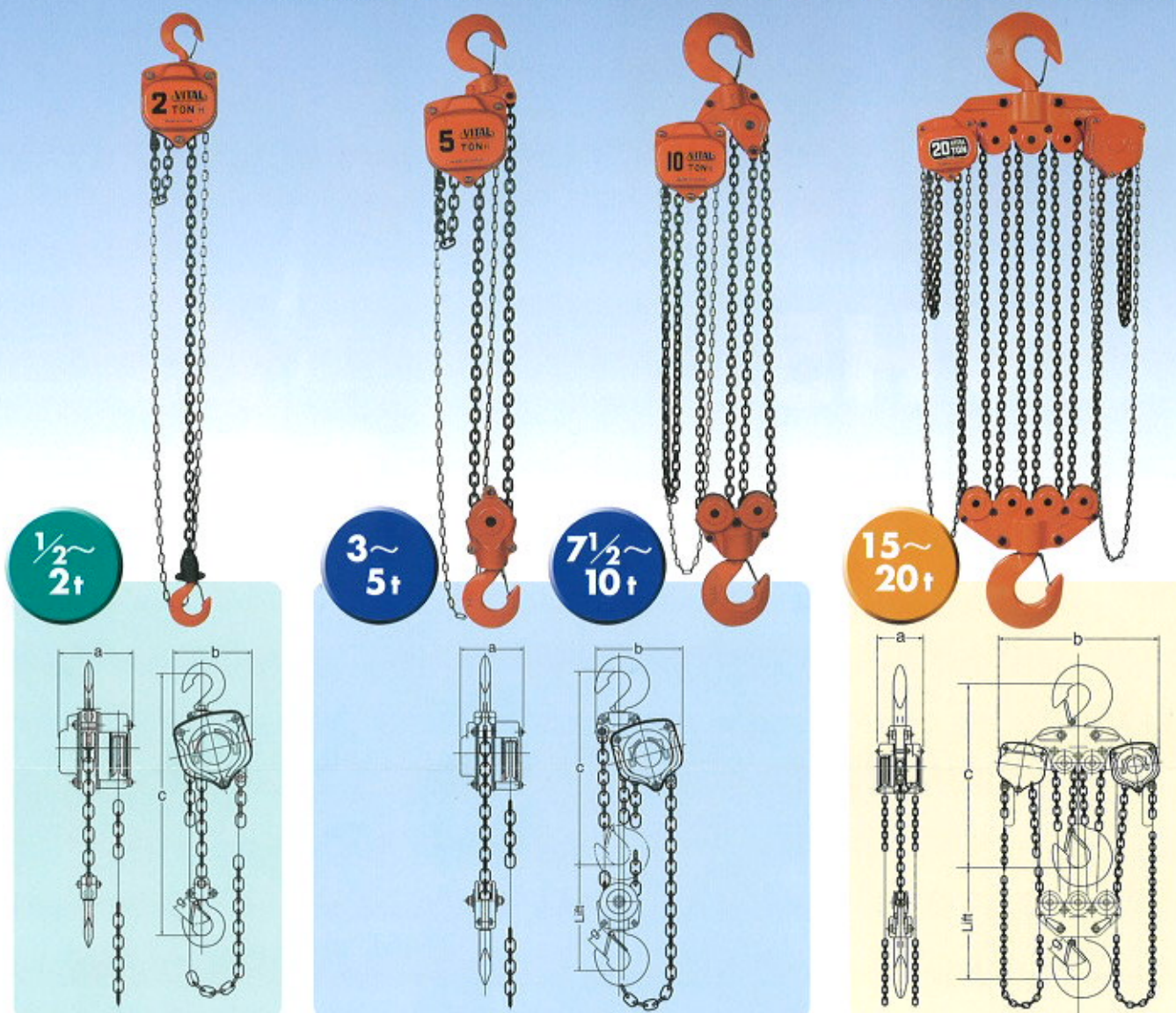


Laying conduits
and pipelines

VITAL brand is registered worldwide.

All over the world!

VITAL CHAIN BLOCK **VH5** Series.



Capacity (t)	Model Number	Standard Lift (m)	Net Weight (kg)	Gross Weight (kg)	Pull to Lift Load		Head Room c (mm)	a (mm)	b (mm)	g (mm)	Test Load (t)
					(kgf)	(N)					
1/2	VH5-05	2.5	8.6	9.0	25	245	305	127	144	27	0.75
1	VH5-10	2.5	11.5	12.0	33	324	345	147	157	30	1.5
1 1/2	VH5-15	2.5	13.8	14.5	34	333	370	147	174	34	2.25
2	VH5-20	3.0	21.6	22.5	34	333	425	179	204	37	3.0
3	VH5-30	3.0	23.0	23.7	35	343	505	147	206	43	4.5
5	VH5-50	3.0	41.0	42.5	39	382	635	179	263	47	7.5
7 1/2	VH5-75	3.5	60.5	68.0	41	402	740	179	345	67	9.5
10	VH5-90	3.5	78.0	85.0	41	402	760	179	367	67	12.5
15	VH5-92	3.5	150.0	174.0	41×2	402×2	850	207	745	87	18.75
20	VH5-93	3.5	190.0	220.0	41×2	402×2	870	207	873	87	25.0

Hoists with the lift in other lengths are also available.

'VH' Series.....With a High-hardened special alloy steel load chain,
and equipped
With a thrust bearing on the bottom hook
(Only for the capacity up to 10 tons).

Vital offers products that are designed for longtime
use, providing the lowest possible per-use cost.

Please note that the specifications on this leaflet may be modified for improvements without notice.

CAT. NO. VH-02-04



Since 1933

VITAL CHAIN BLOCK MFG.CO.,LTD.

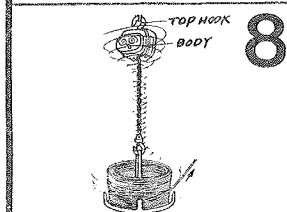
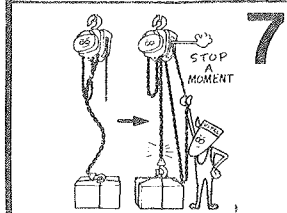
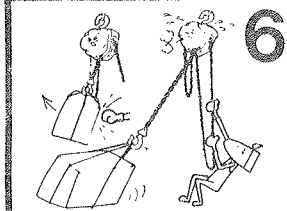
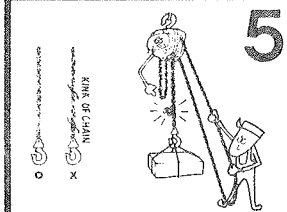
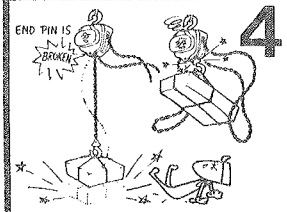
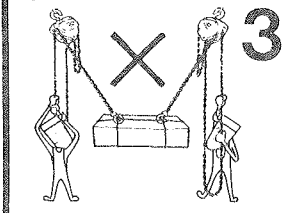
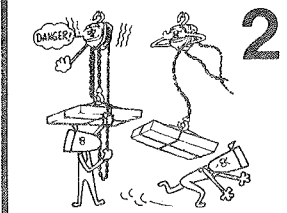
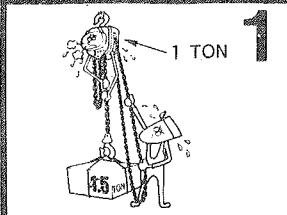
VITAL®

Inspection Certificate

It is hereby certified that this product was manufactured under our single-unit control of quality and was passed in strict inspection in accordance with the inspection standard.

Certificado de Inspección

Es certificado por la presente que esta mercancía fue manufacturado al mando de nuestra control de unidadesingular para la calidad, y fue pasado por la inspección estricta de acuerdo con la inspección normal.



8 DON'TS FOR SAFE OPERATION OF HAND CHAIN BLOCK

- 1 Don't overload your chain block.
- 2 Don't step in under the load.
- 3 Don't try to suspend a load with two blocks.
- 4 Don't pull up too far or pull down slamming-fast.
- 5 Don't use the chain with a kink.
- 6 Don't get the load dragged against floor.
- 7 Don't give the load a sudden take-off. Take a breath when the load chain is just taut, and check for brake action by pulling up and down about 10 cm above floor.
- 8 Do not turn round the chain block as loaded.

8 PROHIBICIONES PARA LA SEGURIDAD EN EL MANEJO DEL BLOQUE MANUAL DE CADENA

- 1 No sobrecargue su bloque de cadena.
- 2 No se coloque debajo de la carga.
- 3 No trate de elevar una misma carga con dos bloques de cadenas.
- 4 No hale la cadena en un trecho muy largo o con golpes bruscos hacia abajo.
- 5 No utilice una cadena con un nudo.
- 6 No deje que la carga se arrastre por el suelo.
- 7 No le de a la carga un empujón brusco. Espere un poco cuando la cadena está ya tensa, y controle la acción del freno tirando de la cadena en un trecho de unos 10 cm hacia arriba y hacia abajo.
- 8 No mueba alrededor el aparejo diferencial de cadena cuando esté cargado.

How to operate the chain block

Before operating the block, check the load chain for signs of wear and lubricate the chain sparingly.

To lift the load, pull the hand chain in the direction of "U" as indicated on the wheel cover; to lower the load, pull in the direction of "D".

Before pulling up the load a full distance, pull and release the chain a short distance two or three times to see that the brake is functioning properly. The pawl of the brake should tick-tack when the load is lifted; no tick-tacks when it is lowered.

After use, remove any soil and water from the surface of the load chain and apply a thin coat of grease.

Cómo manejar el bloque de cadena

Antes de utilizar el bloque, controle la cadena de carga para ver si hay signos de desgaste y engrase la cadena sin exceso.

Para levantar la carga, tire la cadena manual en la dirección "U" (arriba) tal como está indicado en la tapa del volante. Para bajar la carga, tire en dirección de "D" (abajo). Antes de levantar la carga completamente, hale y suelte la cadena en un corto trecho, dos o tres veces, para cerciorarse de que el freno funciona correctamente. El trinquete del freno debe hacer tic-tac cuando se desciende la carga.

Después de usarlo, retire la suciedad y el agua de la superficie de la cadena de carga y aplique una delgada capa de grasa.

Capacity (ton)	Working Load (kg)	Test Load (kg)
½	500	750
1	1,000	1,500
1½	1,500	2,250
2	2,000	3,000
2½	2,500	3,750
3	3,000	4,500
5	5,000	6,300
7½	7,500	9,500
10	10,000	12,500
15	15,000	18,750
20	20,000	25,000

Capacidad (ton)	Carga Operación (kg)	Carga Prueba (kg)
½	500	750
1	1,000	1,500
1½	1,500	2,250
2	2,000	3,000
2½	2,500	3,750
3	3,000	4,500
5	5,000	6,300
7½	7,500	9,500
10	10,000	12,500
15	15,000	18,750
20	20,000	25,000

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Since 1933

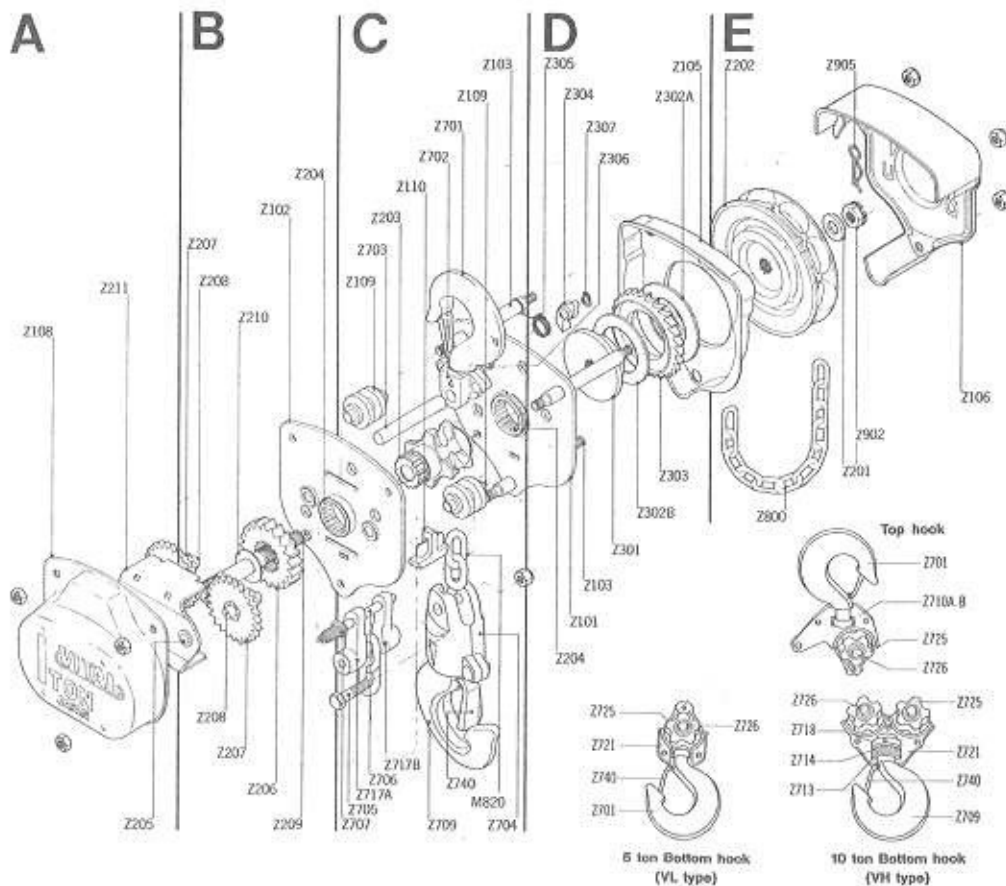
- OPERATION ON ABOVE TEST LOAD
- OPERATION BETWEEN CHAIN AND WHEELS
- OPERATING BETWEEN GEARS
- BRAKING

We fully guarantee that this product is tested according to above figures.

- Operación de estas cargas pruebas
- Operación entre cadena y ruedas
- Operación entre ruedas dentadas
- Freno

Damos fianza completamente que esta mercancía fue ensayada según las cifras indicados arriba.

PARTS LIST OF CHAIN HOISTS



Parts no.	Quantity	Description
A Z108	1	Gear Cover
Z205	4	Gear Bushing
Z211	1	Support plate
Z102	1	Side plate (II)
Z204	1	Needle Bearing
B Z206	1	1st Gear
Z207	2	2st Gear
Z208	2	3rd Gear
Z209	1	Pinion Shaft
Z210	1	Pinion Washer
Z109	2	Load Chain Guide
Z110	1	Chain Stripper
Z203	1	Load Sheave
Z701-702	1	Top Hook
Z709-704	1	Bottom Hook (VH)
Z701-704	1	Bottom Hook (VL)
C Z740	1	Safety Latch
Z703	1	Hook Pin
Z705	1	Bolt and Nut for Load Chain
Z706	1	End Pin
Z717A-B	1	End anchor
Z707	1	End Spring
M820	1	Load Chain (VL)
H820	1	Load Chain (VH)
D Z101	1	Side Plate (I)
Z103	3	Stay Bolt

Parts no.	Quantity	Description
Z105	1	Brake Cover
Z204	1	Needle Bearing
Z301	1	Hub
D Z302A	1	Brake Disc A
Z302B	1	Brake Disc B
Z303	1	Ratchet Gear
Z304	1	Pawl
Z305	1	Spring
Z306	1	Pawl Stud
Z106	1	Wheel Cover
Z201	1	Hand Wheel Washer
E Z202	1	Hand Wheel
Z800	1	Hand Chain
Z902	1	Pinion Nut
Z905	1	Cotter Pin
Z701	1	Top Hook
Z710A-B	2	Top Frame
Z709	1	Bottom Hook
Z714	1	Thrust Bearing
Z718	2	C-Link
F Z719	1	O-Link
Z713	1	Thrust Washer
Z721(L)	2	Bottom Frame
Z721(H)	2	Bottom Frame
Z725		Sheave
Z726		Axle