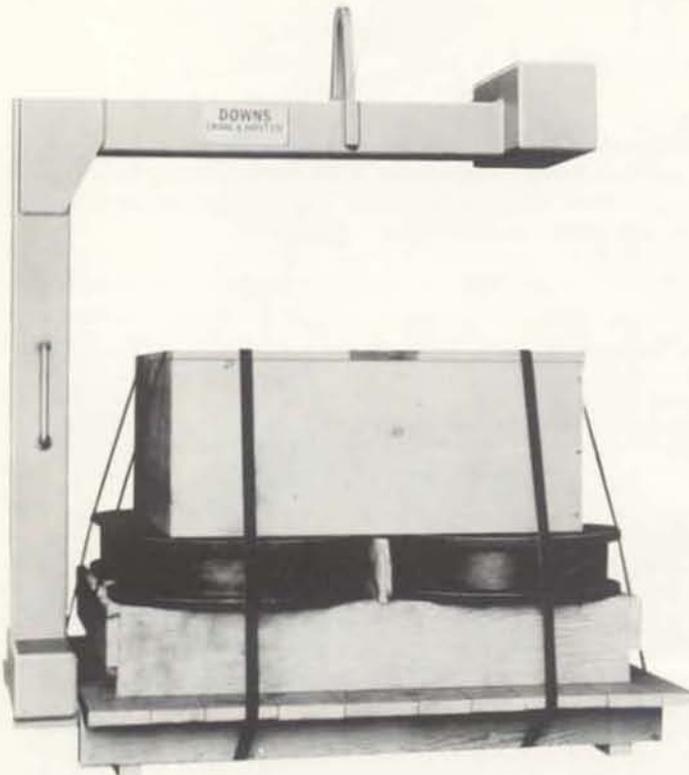


# DOWNNS

BULLETIN 205  
NUMBER

## PALLET HANDLING EQUIPMENT

### FAST EFFICIENT HANDLING



DOWNNS Pallet Handling Equipment is designed to handle pallets, skids, boxes, bins, wrapped steel sheets and other similar objects. Their use with cranes, hoists, or monorails allows for handling of materials in areas where floor operated handling methods are either impractical or uneconomical.

DOWNNS Pallet Handling Equipment is used extensively in warehousing, shipping and manufacturing where the loads are of similar type and rapid easy handling is of great importance. The large number of sizes and capacities allow for selection of a correct unit to handle different types of loads without the necessity of awkward and often dangerous rigging. DOWNNS Pallet Handling Equipment, designed of high strength steel for low tare weight and rugged construction, is maneuverable and easy to use in tight places such as between racks and unloading of trucks.

**FIXED FORK  
PALLET HOOK**

**ADJUSTABLE  
FORK  
PALLET HOOK**

**PALLET  
SKIDDING  
TONG**

**ADJUSTABLE  
PALLET  
LIFTING TONG**

**SPECIAL  
PURPOSE  
HOOKS AND  
GRABS**

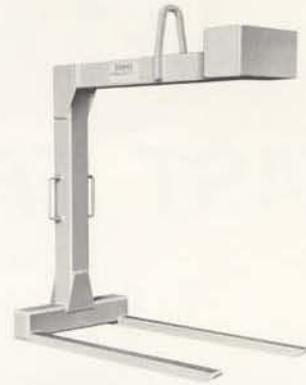
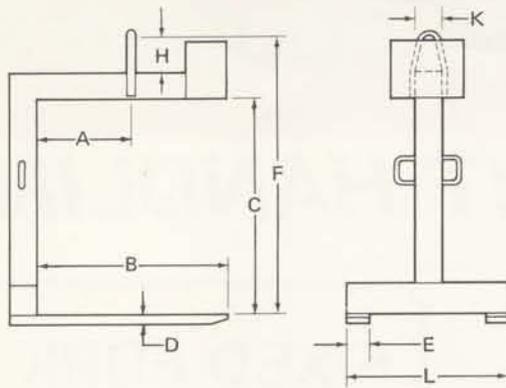
**DOWNNS CRANE & HOIST CO. INC.**

8827 JUNIPER ST. • LOS ANGELES • CALIFORNIA 90002 • (323) 589-6061

DESIGNERS & MANUFACTURERS OF MATERIAL HANDLING EQUIPMENT SINCE 1922

WWW.DOWNNSCRANE.COM

# FIXED FORK PALLET HOOK

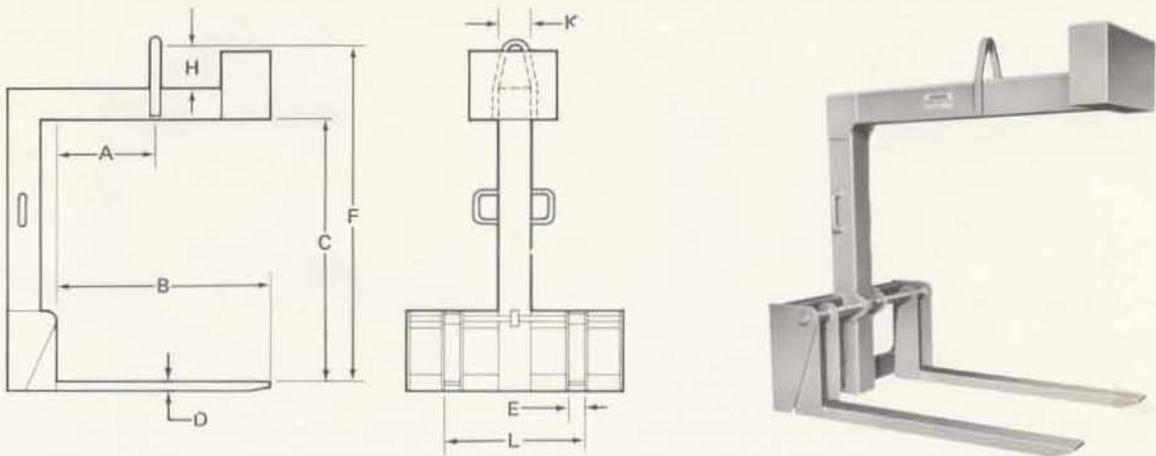


DOWN'S Fixed Fork Pallet Hooks will handle all standard type pallets. Hooks are counterbalanced to hang level at all times, without the need for any adjustment. Their unique design features allow for minimal backout space and easy

maneuverability even in the tightest of quarters. They are easily centered on the load with little effort. The forks, made from high strength alloy steel, are particularly easy to slip under standard pallet runners.

CAPACITY IN TONS	ITEM NO.	LOAD CENTER A	FORK LENGTH B	C	D	E	F	H	K	L	WEIGHT IN LBS.
1/4	77 - 5 - 24	13	24	50	1 1/2	2	58	6	1 3/4	12	142
	77 - 5 - 32	17	32	50	1 1/2	2	58	6	1 3/4	20	157
	77 - 5 - 36	19	36	50	1 1/2	2	58	6	1 3/4	20	163
	77 - 5 - 42	22	42	50	1 1/2	2	58	6	1 3/4	26	177
1/2	77 - 10 - 24	13	24	50	1 1/2	2	59	6	2	12	204
	77 - 10 - 32	17	32	50	1 1/2	2	59	6	2	20	214
	77 - 10 - 36	19	36	50	1 1/2	2	59	6	2	20	224
	77 - 10 - 42	22	42	50	1 1/2	2	59	6	2	26	235
	77 - 10 - 48	25	48	50	1 1/2	2	59	6	2	26	251
1	77 - 20 - 32	17	32	50	1 1/2	2	60	6	2	20	299
	77 - 20 - 36	19	36	50	1 1/2	2	60	6	2	20	302
	77 - 20 - 42	22	42	50	1 1/2	2	60	6	2	26	316
	77 - 20 - 48	25	48	50	2	3	60	6	2	26	460
	77 - 20 - 54	28	54	50	2	3	60	6	2	32	491
	77 - 20 - 60	31	60	50	2	3	60	6	2	38	555
1-1/2	77 - 30 - 32	17	32	50	2	3	60	6	2	20	424
	77 - 30 - 36	19	36	50	2	3	60	6	2	20	432
	77 - 30 - 42	22	42	50	2	3	61	6	2	26	503
	77 - 30 - 48	25	48	50	2	3	61	6	2	26	521
	77 - 30 - 54	28	54	50	2	3	61	6	2	32	631
	77 - 30 - 60	31	60	50	2	3	61	6	2	38	678
2	77 - 40 - 32	17	32	50	2	3	61	6	2	20	468
	77 - 40 - 36	19	36	50	2	3	61	6	2	20	542
	77 - 40 - 42	22	42	50	2	3	61	6	2	26	575
	77 - 40 - 48	25	48	50	2	5	62	6	2	26	773
	77 - 40 - 54	28	54	50	2	5	62	6	2	32	821
	77 - 40 - 60	31	60	50	2	5	62	6	2	38	974
3	77 - 60 - 36	19	36	50	2	5	62	6	2	20	814
	77 - 60 - 42	22	42	50	2	5	62	6	2	26	820
	77 - 60 - 48	25	48	50	2	5	67	10	3	26	881
	77 - 60 - 54	28	54	50	2	5	67	10	3	32	1046
	77 - 60 - 60	31	60	50	2	5	67	10	3	38	1105
4	77 - 80 - 36	19	36	50	2	5	67	10	3	20	918
	77 - 80 - 42	22	42	50	2	5	67	10	3	26	964
	77 - 80 - 48	25	48	50	2	5	68	9	3	26	1200
	77 - 80 - 54	28	54	50	2	5	68	9	3	32	1233
	77 - 80 - 60	31	60	50	2	5	68	9	3	38	1318
5	77-100 - 36	19	36	50	2	5	68	9	3	20	1057
	77-100 - 42	22	42	50	2	5	68	9	3	26	1190
	77-100 - 48	25	48	50	2	5 1/2	68	9	3	26	1358
	77-100 - 54	28	54	50	2	6	68	9	3	32	1602
	77-100 - 60	31	60	50	3	4	70	9	4	38	1747
7-1/2	77-150 - 42	22	42	50	3	4	70	9	4	26	1593
	77-150 - 48	25	48	50	3	4	70	9	4	26	1610
	77-150 - 54	28	54	50	3	4	70	9	4	32	1851
	77-150 - 60	31	60	50	3	4 1/2	70	9	4	38	2005
10	77-200 - 48	25	48	50	3	5	70	9	4	26	1888
	77-200 - 54	28	54	50	3	5 1/2	70	9	4	32	2193
	77-200 - 60	31	60	50	3	6	70	9	4	38	2748

# ADJUSTABLE FORK PALLET HOOK

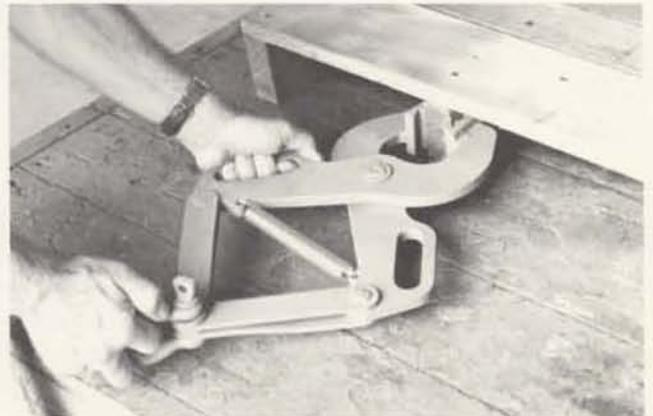


DOWN'S Adjustable Fork Pallet Hook allows the forks to be adjusted for unusual or special pallet configurations. The fork carriage of the adjustable pallet hook is similar to that of a standard lift truck. The forks have infinite

adjustment over the range of the carriage and are easily moved without the aid of tools of any kind. While under load, the forks are held in place by the weight of the load.

CAPACITY IN TONS	ITEM No.	A	B	C	D	E	F	H	K	L		WEIGHT IN LBS.
										MAX.	MIN.	
1/2	78 - 10 - 36	19	36	50	1 1/2	2	59	6	2	36	9	425
	78 - 10 - 48	25	48	50	1 1/2	2	60	6	2	36	10	512
1	78 - 20 - 36	19	36	50	1 1/2	2	60	6	2	36	10	592
	78 - 20 - 48	25	48	50	2	3	60	6	2	36	12	764
1-1/2	78 - 30 - 36	19	36	50	2	3	61	6	2	36	13	841
	78 - 30 - 48	25	48	50	2	3	61	6	2	36	13	930
2	78 - 40 - 36	19	36	50	2	3	61	6	2	36	13	876
	78 - 40 - 48	25	48	50	2	5	62	6	2	36	18	1164
3	78 - 60 - 36	19	36	50	2	5	62	6	2	36	18	1298
	78 - 60 - 48	25	48	50	2	5	67	10	3	36	19	1488
4	78 - 80 - 48	25	48	50	2	5	68	10	3	36	21	1774
	78 - 80 - 60	31	60	50	2	5	68	10	3	36	21	1983
5	78 - 100 - 48	25	48	50	2	5 1/2	68	10	3	36	22	1912
	78 - 100 - 60	31	60	50	3	4	70	10	3	36	21	2209

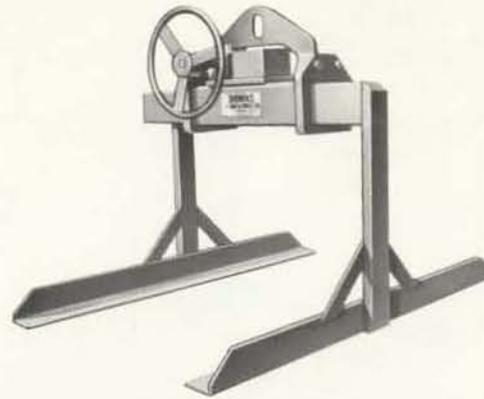
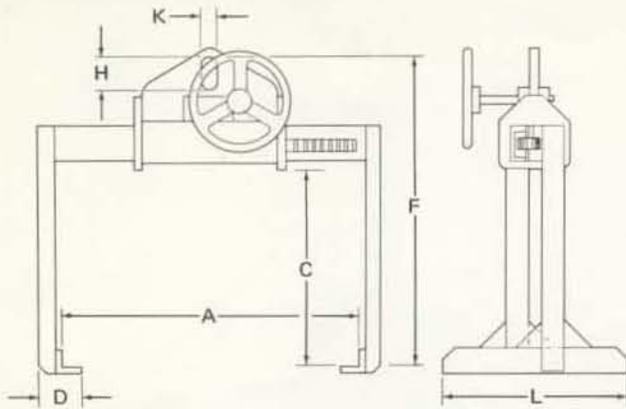
# DOWN'S PAL-A-TONG



DOWN'S PAL-A-TONG is an extremely useful device for use anywhere that pallets must be moved from tight spots or places where either a pallet hook or fork truck are inaccessible. The PAL-A-TONG is very popular for pulling fully loaded pallets from enclosed truck trailers. Special tempered steel jaws allow the PAL-A-TONG to

grab any standard 2 x 4 or 4 x 4 pallet stringer or block. Simply attach the PAL-A-TONG to any fork truck or winch and pull. A special spring has been provided to hold the tong in place, even when the towline is slack, for easy one man operation.

# ADJUSTABLE PALLET LIFTING TONG



DOWN'S Adjustable Pallet Lifting Tongs add extra versatility to the handling of pallets. Adjustable Pallet Lifting Tongs are engineered to handle a wide range of pallet widths using a single tong, giving them a distinct advantage over hooks where the sizes of pallets are varied or irregular. Their ability to be adjusted over a wide range also makes them excellent for handling boxes, cartons, lumber, sheets, and billets. Low headroom design and narrow aisle back-

out requirements, allow the tong to be used even in the tightest of quarters, offering a better utilization of space. Rugged construction and low tare weight allows for the maximum efficiency for each crane and easy operation by personnel. All units are standard with totally enclosed gearing, shafts and a ratchet type latch. Units are additionally available either motorized or with drop handchain in place of the handwheel, upon request.

CAPACITY IN TONS	ITEM NO.	PALLET WIDTH A		C	D	F	H	K	L	WEIGHT IN LBS.
		MAX.	MIN.							
1	79 - 20 - 72	72	24	50	8	72	5	3	26	408
1 1/2	79 - 30 - 72	72	24	50	10	74	5	3	26	504
2	79 - 40 - 72	72	24	50	10	76	5	3	26	583
3	79 - 60 - 72	72	24	50	11	76	5	3	26	675
4	79 - 80 - 72	72	24	50	10	71	5	3	26	962
5	79 - 100 - 72	72	24	50	11	72	5	3	26	1090

## SPECIAL DESIGN PALLET HANDLING EQUIPMENT



We reserve the right to change designs at any time when in our opinion the product may be improved thereby.

Dimensions in inches unless otherwise specified. Dimensions and weights given are approximate and may vary. Certified dimensions on request.

Capacities given have been carefully calculated and proven in use; they are submitted without assuming any responsibility beyond the original price of the merchandise.

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