

LIFT TRUCK

TECHNICAL PARTSGRAM



SERIAL NUMBER LOCATIONS

FEC01601

Issue 3

October, 1972

7557

Replacements for lost or damaged machine serial number plates (excluding registered U.L. serial number plates) may be obtained by ordering directly from your Division Service Manager. Be sure to include the following information: model number, serial number and, when possible, the original damaged plates. The serial number is stamped on the frame, and the location will vary according to model. As viewed from the Operator's seat, the locations are as follows:

MODELS	STAMPED LOCATION OF SERIAL NUMBER
LT35, 350S, 351S	On the base or contour plate directly below the seat.
LT40, LT44, LT48	On the right side frame rail between the tilt cylinder hanger and the battery location.
LT50, LT56, LT60, LT62, LT72, LT90	On the horizontal section of the steering column support member beside the original identification plate.
K5 Tractor	On the steering column and fuel tank support member beside the original identification plate.
390S, 391S, 392S, 400P, 410S, 411S, 420S, 421S, 422S, 440S, 441S, 460S, 461S, 462S, 480P, 500S, 500P, 501S, 501P, 502S, 502P, 510P, 540S, 590S, 600S, 600P, 601P, 670S, 680P, 750S, 850S, 950S, 760P, 860P, 960P, V30, V30B, V40, V40B, V41, V41B, V45B, V50, V50B, V51, V51B, V55B, V60, V60B, T30, T30B, T35B, T40, T40B, T45B, T50, T50B, T60, T60B, M30, M40, M50, T220, T221, T300	On the right side of the front horizontal cross frame member near the hole for the tilt cylinder.
A12 thru 24, B12 thru 25, BHF, BMS, AM25, AMP25, L200	On the front plate of the frame in the lower right-hand corner.
AM30 thru 60, AH40 thru 60	On the right front overhead guard mounting support pad.

VESTERGAARD PRODUCT

Effective January 1968, the serial number location on Vestergaard built trucks was on the right-hand side panel of the frame behind the front sling-eye. In December 1970, the location was changed to conform with the location on the Cleveland product.



DISCONTINUED MODELS

STANDARD SPECIFICATIONS



I N D E X

TOWMOTOR-GERLINGER DISCONTINUED MODELS (Does not include models discontinued prior to 1945)

<u>MODEL</u>	<u>CAPACITY</u>	<u>YEAR OF MFG.</u>	<u>PAGE NO.</u>
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1,500#-3,000# CUSHION TIRES

LT35	1,500# @ 15"; 2,000# @ 15"	1946	1955	1
LT40	3,000# @ 15"	1940	1951	1
350	1,500#; 2,000# @ 15" and			
	2,000# @ 24"	1955	1967	7
351	2,000# @ 24"	1967	1973	10
390	3,000# @ 15"	1951	1958	5
391	3,000# @ 15"	1958	1962	7
392	2,500# @ 24"	1962	1967	11
392	2,000# @ 24"	1967	1972	11
410	2,000# @ 24"; 3,000# @ 15"	1958	1963	7
411	2,000# @ 24"; 3,000# @ 15"	1963	1968	10
422	2,500# @ 24"; 3,000# @ 24"	1967	-	11
422	2,000# @ 24"	1972	-	11
440	3,000# @ 24"	1958	1963	7
441	3,000# @ 24"	1963	1968	10
461	3,000# @ 24"	1958	1962	8

4,000# CUSHION TIRES

LT44	4,000# @ 15"	1942	1951	1
LT48	4,000# @ 24"	1945	1951	1
420	4,000# @ 15"	1951	1958	5
421	4,000# @ 15"	1958	1962	8
422	4,000# @ 15"	1962	1967	11
440	4,000# @ 15"	1958	1963	7
441	4,000# @ 15"	1963	1968	10
460	4,000# @ 24"	1951	1958	5
461	4,000# @ 24"	1958	1962	8
462	4,000# @ 24"	1962	1968	11
590S	4,000# @ 24"	1959	1971	22

5,000# CUSHION TIRES

LT50	5,000# @ 20"	1943	1954	2
500	5,000# @ 24"	1954	1958	6
501	5,000# @ 24"	1958	1962	8
502	5,000# @ 24"	1962	1968	11

6,000# CUSHION TIRES

LT56	6,000# @ 25"	1937	1956	2
540S	6,000# @ 24"	1956	1973	9

<u>MODEL</u>	<u>CAPACITY</u>	<u>YEAR OF MFG.</u>		<u>PAGE NO.</u>
<u>7,000# CUSHION TIRES</u>				
LT62	7,000# @ 25"	1937	1956	3
540S	7,000# @ 24"	1956	1973	9
<u>8,000# & 9,000# CUSHION TIRES</u>				
600	8,000# & 9,000# @ 24"	1956	1973	9
<u>10,000# & 12,000# CUSHION TIRES</u>				
LT72	10,000# @ 25"	1937	1956	3
670	10,000#; 11,000# & 12,000# @ 24"	1956	1973	9
<u>15,000# & UP CUSHION TIRES</u>				
LT90	15,000# @ 25"	1946	1955	3
900S	15,000# & 18,000# @ 24"	1955	1966	4
750S	15,000# @ 24"	1966	1972	13
850S	15,000#; 18,000# & 20,000# @ 24"	1963	1972	13
950S	20,000#; 22,000# & 25,000# @ 24"	1962	1972	13
<u>2,000# & UP PNEUMATIC TIRES</u>				
400P	2,000# @ 24"	1951	1962	4
480P	4,000# @ 24"	1951	1955	See 5
500P	3,000#; 4,000# & 5,000# @ 24"	1955	1958	6
501P	3,000#; 4,000# @ 24"	1958	1962	14
502P	3,000#; 4,000# @ 24"	1962	1968	12
510P	2,000#; 2,500# @ 24"	1962	-	12
LT60	4,000# @ 25"	1946	1956	2
601P	4,000# @ 24" - 5,000# @ 24"	1962	1968	12
680P	6,000#; 7,000#; 8,000# @ 24"	1956	1965	6 & 1
760P	7,000# @ 24"	1965	1974	15
760P	8,000# @ 24"	1973	1974	15
860P	8,000#; 9,000# & 10,000# @ 24"	1965	1974	15
960P	10,000# @ 24"	1965	1973	15
SN10	10,000# @ 24"	1952	1960	16
S10	10,000# @ 24"	1952	1960	16
S12	12,000# @ 24"	"	"	16
S15	15,000# @ 24"	"	"	16
S16	16,000# @ 24"	"	"	16
S18	18,000# @ 24"	"	"	16

2,000# & Up Pneumatics - Cont'd

<u>MODEL</u>	<u>CAPACITY</u>	<u>YEAR OF MFG.</u>		<u>PAGE NO.</u>
G20	20,000# @ 24"	1956	1960	17
G22	22,000# @ 24"	"	"	17
W12	12,000# @ 27"	"	"	17
W15	15,000# @ 24"	"	"	17
W16	16,000# @ 27"	"	"	17
W18	18,000# @ 27"	1956	1960	17
W20	20,000# @ 24"	"	"	17
W22	22,000# @ 24"	"	"	17
A10	10,000# @ 24"	1960	1964	18
A12	12,000# @ 24"	"	"	18
A15	15,000# @ 24"	"	"	18
A16	16,000# @ 24"	"	"	18
A18	18,000# @ 24"	"	"	19
A20	20,000# @ 24"	"	"	19
A22	22,000# @ 24"	"	"	19
A24	24,000# @ 24"	"	"	19
H32	32,000# @ 36"	1955	1965	20
H36	36,000# @ 36"	"	"	20
H40	40,000# @ 36"	"	"	20
M24	24,000# @ 36"	1955	1964	20
M26	26,000# @ 36"	"	"	20
M28	28,000# @ 36"	"	"	20
M30	30,000# @ 36"	"	"	20
U-6	6,000# @ 24"	1961	1968	21
U-8	8,000# @ 24"	1961	1968	21

SPECIALS

K5	Tow Tractor	1933	1968	22
W	Electric Walkie	1948	1960	22

TOWMOTOR

SERIAL NO. ANALYSIS

Prior to the year 1946, the TOWMOTOR Fork Lift Trucks and Tractors were assigned Serial Nos. in straight numerical sequence. Beginning with the year 1946, the vehicles were assigned Serial Nos. which indicated the model, the year of manufacture, and the individual identification number of each vehicle built that year.

Current Serial No. Analysis

"Serial No. 35461"

35
Indicates
Model LT35

46
Indicates
Year 1946

1
Indicates
First Vehicle
of That Year

Thus, Serial No. 35461 identifies vehicle as the first LT35 built in 1946.
The Serial No. of the second Model LT35 built in 1946 is 35462.
The Serial No. of the first Model LT35 built in 1947 is 35471.

SERIAL NO. CHART

The following chart contains blocks of old type Serial Nos. assigned to TOWMOTOR vehicles prior to 1946 and the first new type Serial No. assigned to each model thereafter.

Models	Old Type Nos. Assigned Prior to 1946	First New Type No. Assigned to Each Model
LT35	None	35461
LT40	5000 to 5999	40461
	and	
LT44	50000 to 54228	44461
LT48	None	48461
LT46		None
LT50	7000 to 16003	504610
LT53		None
LT56		56461
LT60	None	60461
LT62		62461
LT72	7000 to 16003	72461
LT90	None	90471
300		390511
400-P		400P521
420	None	420511
460		460511
480-P		480P511
500	None	500541
*K5	3193 to 3282	*K5-30461
		*K5-33461
		*K5-36461
		*K5-40461

*Note: The two digits (30, 33, 36, and 40) after K5 indicate the capacity of the tractor.

LIST OF ABBREVIATIONS

amps. amperes	lb. pound
cad-pltd. cadmium plated	mach. machine
ctsk. countersunk	NC National course
cup-pt. cup point	NF National fine
cyl. cylinder	No. number
br. brass	OD outside diameter
deg. degree	pt. point
fil-hd. fillister head	rd-hd. round head
flex. flexible	sl. slotted
fl-hd. flat head	sq. square
hex. hexagon	sq-hd. square head
hex-hd. hexagon head	sq-nk. square neck
hex-socket hexagon socket	sq-socket square socket
hex-socket-hd. hexagon socket head	std. standard
HT heat treated	w/ with
ID inside diameter	w/o without

3925 660437

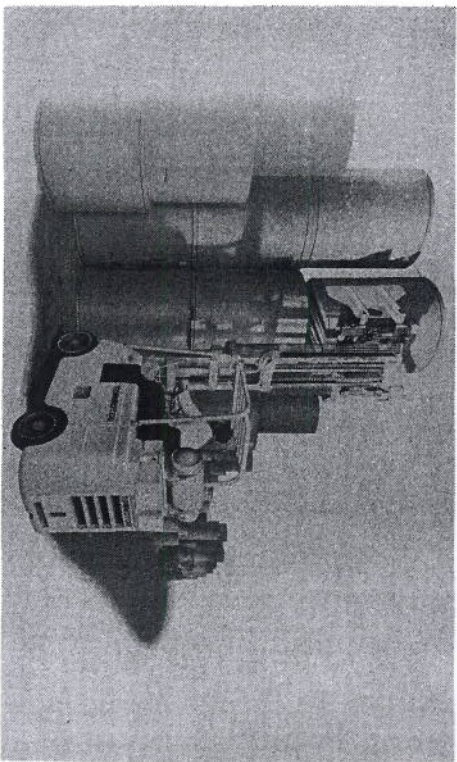
TOWMOTOR MODEL DESIGNATION

Definition of model designation for Cleveland built trucks.

To explain the derivation of these model designations it should be noted that (as compared to competitive descriptions) they were developed around wheelbase reference instead of capacity.

MODEL 462SG4024

- 46 - FIRST 2 DIGITS = WHEELBASE
- 2 - THIRD DIGIT = MAJOR MODIFICATION
- S - SUFFIX = TIRE TYPE: S-SOLID TIRES, P-PNEUMATIC TIRES
- G - SUFFIX = POWER TYPE: G-GASOLINE, LP-LIQUID PROPANE, D-DIESEL
- 40 - CAPACITY IN HUNDREDS = 4000 POUNDS
- 24 - LAST 2 DIGITS = LOAD CENTER IN INCHES

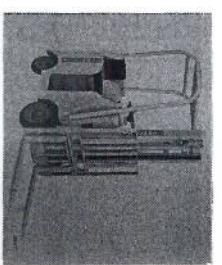


TOWMOTOR (CLEVELAND) TRUCKS

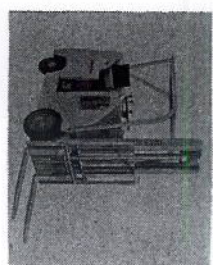
- Capacity range: 2000 through 40,000 pounds
- Solid tire trucks: 2000 through 40,000 pounds
- Pneumatic tire trucks: 2000 through 10,000 pounds

MODEL *	CAPACITY LOAD CENTER
350S	2000 @ 15" 2000 @ 24"
411S	2000 @ 24" 3000 @ 15"
441S	3000 @ 24" 4000 @ 24"
392S	2000 @ 24" 2500 @ 24"
422S	3000 @ 24" 4000 @ 15"
462S	4000 @ 24"
502S	5000 @ 24"
590S	4000 @ 24"
540S	6000 @ 24" 7000 @ 24"
600S	8000 @ 24" 9000 @ 24"
670S	10,000 @ 24" 11,000 @ 24"
750S	12,000 @ 24" 15,000 @ 24"
850S	15,000 @ 24" 18,000 @ 24" 20,000 @ 24"
950S	20,000 @ 30" 22,000 @ 30" 25,000 @ 30" 35,000 @ 30" 40,000 @ 30"
510P	2000 @ 24" 2500 @ 24"
502P	3000 @ 24" 4000 @ 24"
601P	4000 @ 24" 5000 @ 24"
760P	6000 @ 24" 7000 @ 24"
860P	8000 @ 24" 9000 @ 24"
960P	10,000 @ 24"
K5	TRACTOR

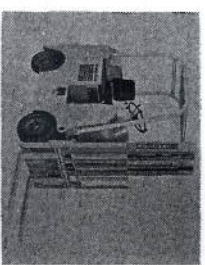
* SUFFIX REFERENCES FOR POWER, CAPACITY AND LOAD CENTER ARE ELIMINATED FOR BREVITY.



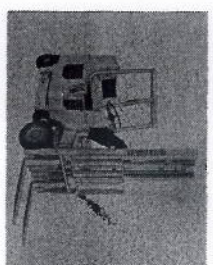
MODEL 350S



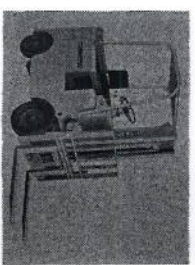
MODEL 441S



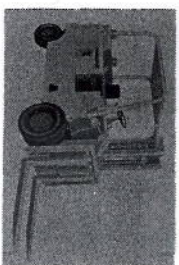
MODEL 462S



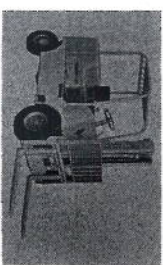
MODEL 590S



MODEL 540S



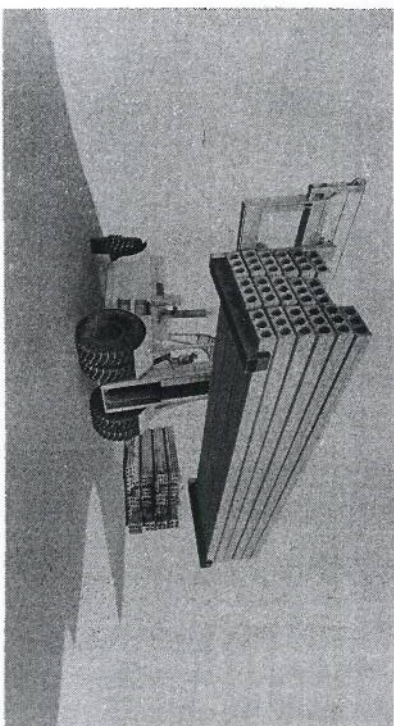
MODEL 850S



MODEL 760P

Lift trucks built at Oregon Division have following designations:

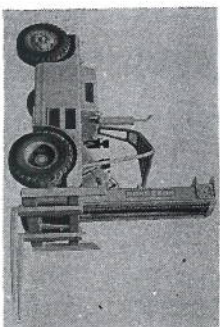
U-6	-	U	=	UTILITY (ROUGH TERRAIN)
	6	=		CAPACITY IN THOUSANDS
B-10	-	B	=	MAJOR MODIFICATION
	10	=		CAPACITY IN THOUSANDS
B-20-S	-	B	=	MAJOR MODIFICATION
	20	=		CAPACITY IN THOUSANDS
		S	=	SPECIAL
BHF-20	-	B	=	MAJOR MODIFICATION
	HF	=		HIGH FLOTATION
	20	=		CAPACITY IN THOUSANDS
AM-25	-	A	=	MAJOR MODIFICATION
	M	=		36" LOAD CENTER
	25	=		CAPACITY IN THOUSANDS
AH-40	-	A	=	MAJOR MODIFICATIONS
	H	=		48" LOAD CENTER
	40	=		CAPACITY IN THOUSANDS



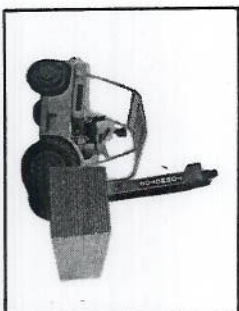
TOWMOTOR (OREGON DIVISION) TRUCKS

All heavy duty pneumatic tire units
Capacity range: 6000 through 60,000 pounds.

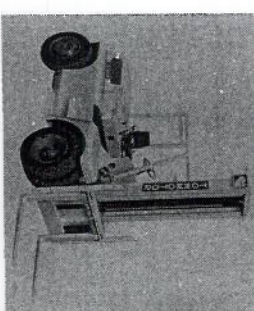
MODEL	CAPACITY LOAD CENTER
U-6	6,000 @ 24"
U-8	8,000 @ 24"
B-10	10,000 @ 24"
B-12	12,000 @ 24"
B-15	15,000 @ 24"
B-16	16,500 @ 24"
B-18	18,000 @ 24"
B-20	20,000 @ 24"
B-22	22,000 @ 24"
B-25	25,000 @ 24"
B-20-S	20,000 @ 24"
BHF-16	16,500 @ 24"
BHF-18	18,000 @ 24"
BHF-20	20,000 @ 24"
AM-25	25,000 @ 36"
AM-30	30,000 @ 36"
AM-36	36,000 @ 36"
AM-40	40,000 @ 36"
AM-52	52,000 @ 36"
AM-60	60,000 @ 36"
AH-40	40,000 @ 48"
AH-46	46,000 @ 48"
AH-52	52,000 @ 48"



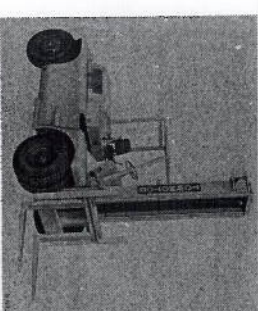
MODEL AH-52



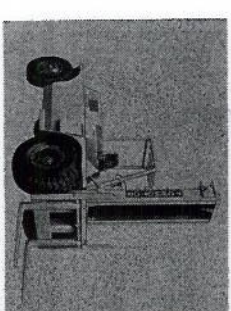
MODEL U



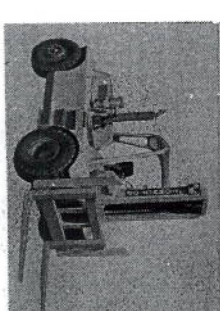
MODEL B-25



MODEL B-20-S



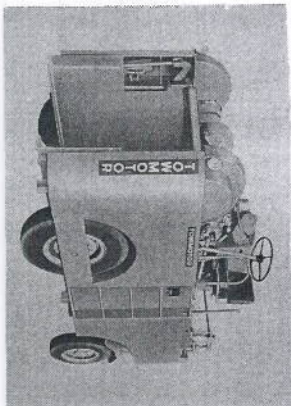
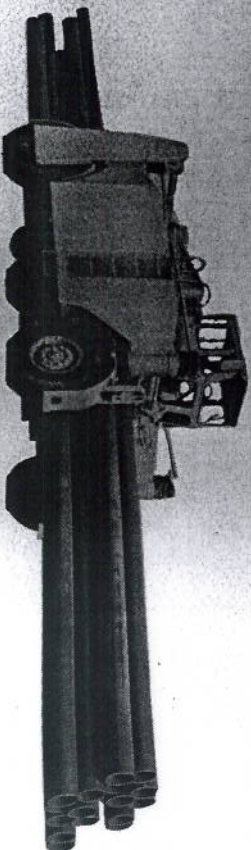
MODEL BHF-18



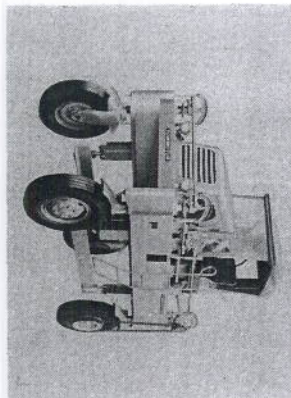
MODEL AM-40

Straddle carriers built at Oregon Division have following model designations and capacities:

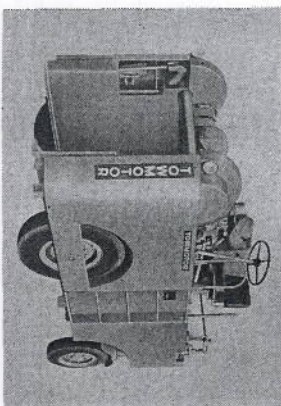
MODEL	DESIGNATION	CAPACITY
12-RH	RIGID SHOE, HYDRAULIC LIFT	12,000
SMH	SWINGING SHOE, LIGHT DUTY	14,000
RMH	RIGID SHOE, FOUR WHEEL STEER, LIGHT DUTY	14,000
15-RH	RIGID SHOE, HYDRAULIC LIFT	15,000
SM-20	SWINGING SHOE, MEDIUM CAPACITY	20,000
RM-20	RIGID SHOE, MEDIUM CAPACITY	20,000
30-SH	SWINGING SHOE, HYDRAULIC LIFT	30,000
30-RH	RIGID SHOE, HYDRAULIC LIFT	30,000
PF-30	PIVOT FORK, MECHANICAL LIFT	30,000
PFH-30	PIVOT FORK, HYDRAULIC LIFT	30,000
40-SH	SWINGING SHOE, HYDRAULIC LIFT	40,000
40-RH	RIGID SHOE, HYDRAULIC LIFT	40,000
60-SH	SWINGING SHOE, HYDRAULIC LIFT	60,000



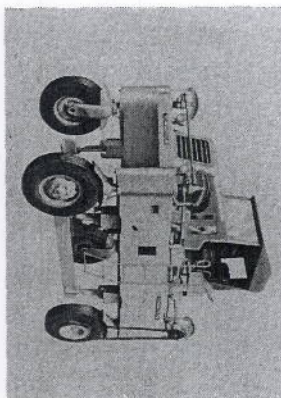
MODEL 12-RH



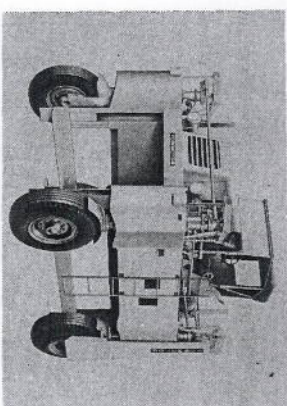
MODEL SMH



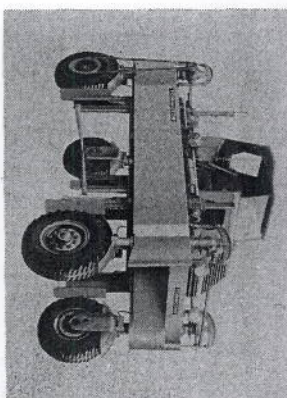
MODEL 15-RH



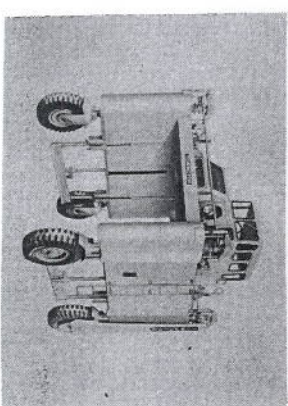
MODEL SM-20



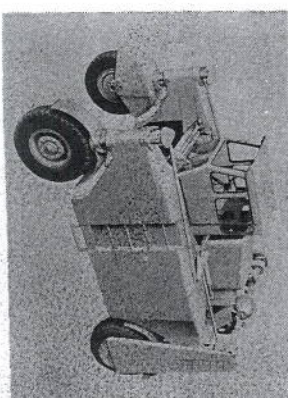
MODEL 30-RH



MODEL PF-30



MODEL 40-SH



MODEL 60-SH