

WARREN

Underbody Hoists

Models U50-717/U50-723, U60-823/U70-824, U90-7724/U110-8824

Features/Benefits



- Cylinder and hoist manufactured by Warren
- Conforms to all NTEA rating requirements
- Massive unitized lift arm weldment
- Tubular steel lift links
- Cylinders are polished, precision bored and honed, and hard chrome plated for maximum life
- Oversize bearings throughout for increased life
- Rugged construction means low maintenance
- 2000 P.S.I. hydraulic system
- Threaded cylinder head design for added strength to increase product life

For those who want heavy duty hoist equipment, Warren offers single and twin cylinder underbody hoists. Designed to fit on 60 to 108 inch cab to trunnion trucks, this hoist design accommodates bodies from 8 to 14 feet in length.

Specially designed lift arm geometry gives maximum performance under tough operating conditions such as stockpiling and spreading. Sturdy tubular lift links coupled with all welded steel plate arm construction assures durability. High pressure

hydraulic system is simple and reliable. Reserve oil tank is incorporated in the hoist front crossmember. Except for the pump, no part of the unit projects below the bottom of the hoist frame.



S P E C I F I C A T I O N S

HOIST

	U50-717	U50-723	U60-823	U70-824	U90-7724	U110-8824
NTEA Class	50	50	60	70	90	110
Subframe	1/4" Plate	1/4" Plate	1/4" Plate	1/4" Plate	5/16" Plate	5/16" Plate
Hinge Pivot Pins	1 1/4"	1 1/4"	1 15/16"	2 1/2"	2 1/2"	2 1/2"
STD Pivot	12"	12"	12"	12"	12"	12"
Dump Angle	50	50	50	50	50	50
Mounting Height	13"	13"	15"	15 1/2"	15 1/2"	15 1/2"
Weight	790	840	1050	1450	1750	1885
Recommended Body LGT	8', 9'	9', 10'	9', 10', 11'	10', 11', 12'	12', 13', 14'	12', 13', 14'
Recommended Body Longsills	5" Channel	5" Channel	6" I-Beam	6" I-Beam	6x4x1/4Tube	6x4x1/4Tube
Capacity	8'-18.8 9'-16.1 10'-14.1	9'-18.3 10'-16.0	9'-23.5 10'-20.6 11'-18.3	10'-27.9 11'-24.8 12'-22.3	12'-36.8 13'-33.3 14'-30.3	12'-48.1 13'-43.5 14'-39.6

CYLINDER/S

Single and Double Acting

	Single	Single	Single	Single	Twin	Twin
Single/Twin	Single	Single	Single	Single	Twin	Twin
Bore	7"	7"	8"	8"	7 1/8"	8"
Piston Rod Dia.	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
Piston Rod	Precision Polished, Machine Bored & Honed, Hard Chrome Plated					
Stroke	17"	23"	23"	24"	24"	24"
Displacement	680	920	1175	1362	1920	2415
Piston Rings	2 PERMA SEAL					
Total Oil Capacity	19 Quarts	24 Quarts	32 Quarts	36 Quarts	42 Quarts	50 Quarts

DIRECT MOUNT PUMP & VALVE UNIT

	F22RDL	F22RDL	F22RDL	F22RDL	F35RDL	F35RDL
Model	F22RDL	F22RDL	F22RDL	F22RDL	F35RDL	F35RDL
G.P.M.	22	22	22	22	35	35
R.P.M.	1400	1400	1400	1400	1400	1400
PS.I.	2000	2000	2000	2000	2000	2000
Flange	4 Bolt SAE "B" Mounts with 13 Spline Shafts					
Positions	3 Position-Raise, Hold & Lower					

OPTIONAL EQUIPMENT

Double Acting Hydraulics with 20 Gallon Reservoir

Air Shift Pump with Feathering Valve

