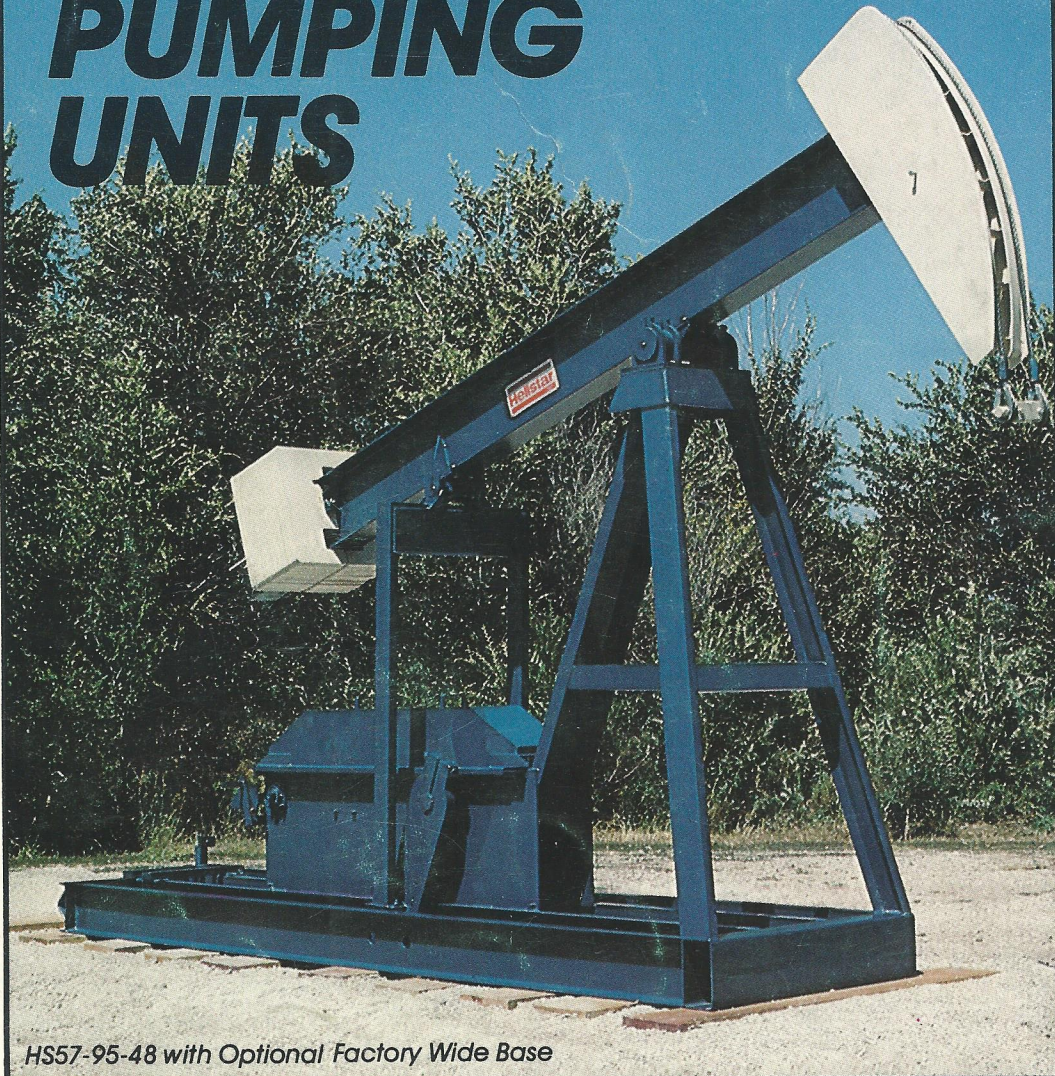


BEAM-BALANCED 40 & 57 PUMPING UNITS



HS57-95-48 with Optional Factory Wide Base

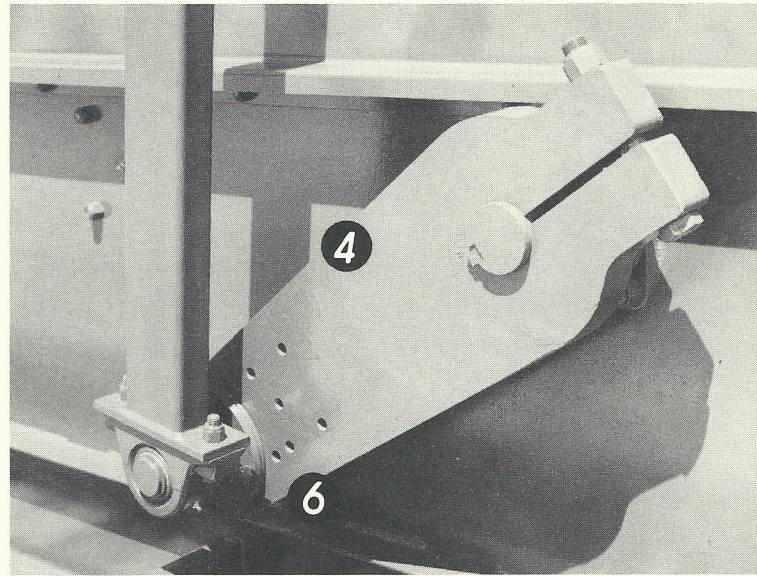
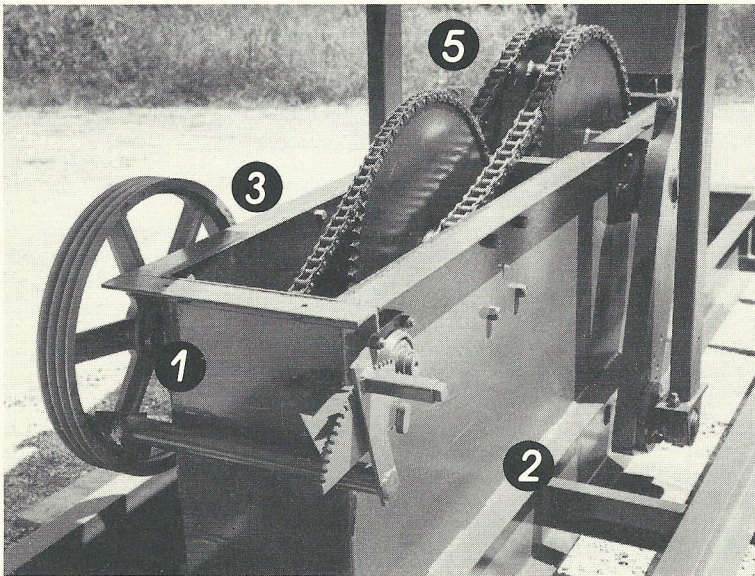
Hellstar

CHAINS VS. GEARS...

You know the pros & cons, and so do we. But what we also know is how strong we build our time-proven chain-drive for superior field service. So strong that we back up our claims with an unprecedented **FIVE (5) YEAR WARRANTY** on all reducer box chains and sprockets.

NO CONTEST.

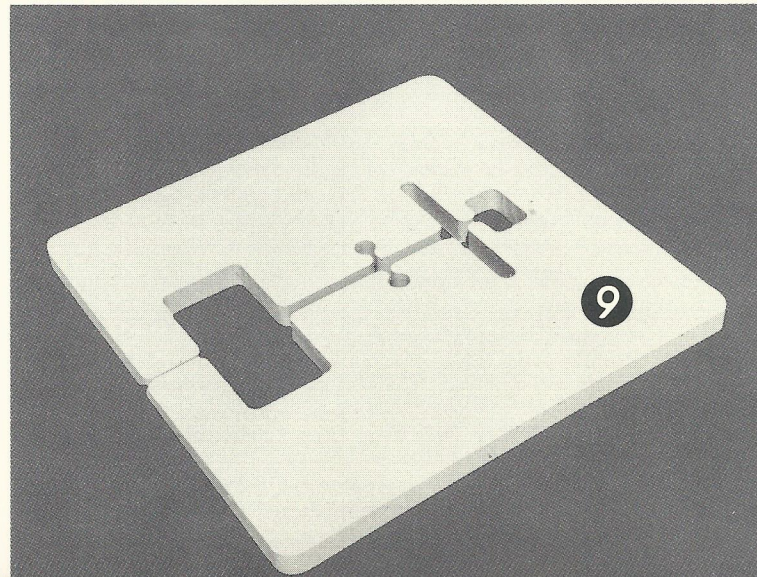
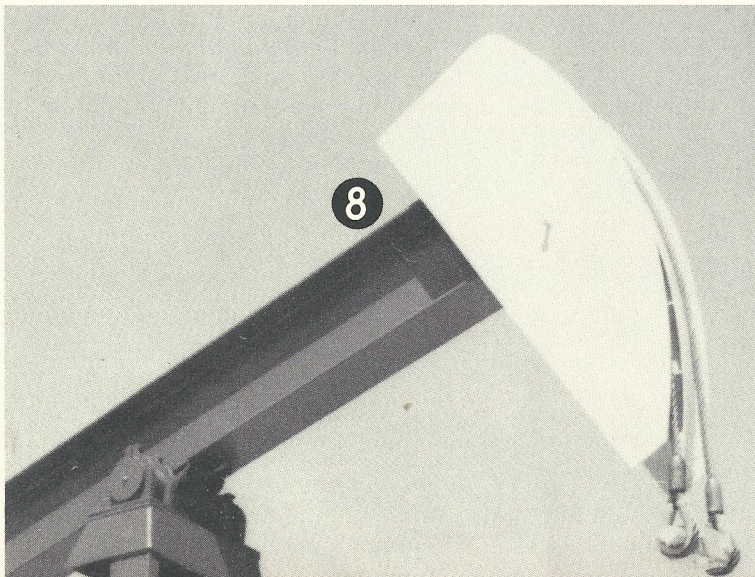
Hellstar pumping units are designed, engineered and manufactured to help keep you in business with these down to earth features:



① The construction is of fabricated steel for greatest strength and rigidity, as opposed to cast iron which is weaker and subject to breaking and cracking. ② The chain reducer box is designed to be an integral part of the main frame to further increase the strength and rigidity of the unit. ③ All chains, sprockets and bearings are standard parts—readily available and easily field replaceable.

④ Self-aligning, grease lubricated ball bearings with extra long

design life are used throughout the reducer box. Self-aligning double roller bearings are used on the pitman arms. ⑤ Standard sizes of roller chain are used for reduction in two stages. The first stage uses a single #80 chain; the second stage on the 57 uses two #120 chains; the second stage on the 40 uses a single #120 chain. These large heavy-duty chains run in oil bath lubrication to provide long-lasting service. ⑥ The stroke length is easily adjusted by simply removing



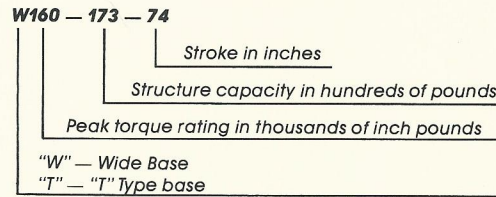
**EFFECTIVE COUNTER BALANCE
FOR 40-95-42 and 57-95-48**

Number of Weights	Actual Weight	Effective Counter Balance
0	0	290
1	224	732
2	448	1169
3	672	1600
4	896	2026
5	1120	2447
6	1344	2863
7	1568	3273
8	1792	3678
9	2016	4078
10	2240	4473
11	2464	4862
12	2688	5246
13	2912	5625
14	3136	5999
15	3360	6367
16	3584	6730
17	3808	7089
18	4032	7444
19	4256	7795
20	4480	8142

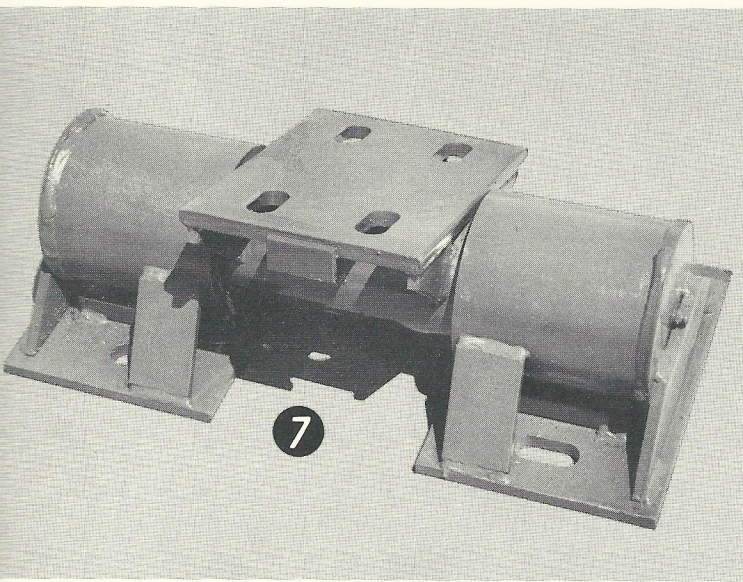
**HELLSTAR BEAM BALANCED PUMPING UNITS
Specifications for Models 40-95-42 and 57-95-48**

Hellstar Model	40-95-42	57-95-48
Reducer Torque Rating: IN-LBS	40,000	57,000
Structure Capacity: LBS	9,500	
Stroke Adjustments: IN	42, 36, 30	48, 42, 36
Walking Beam	14" x 38 lb./ft.	
Reduction Ratio	27:1	29:1
Saddle Bearing-Oil Bath Lube	4" dia. 32 in ²	
Tail Bearing-Grease Lube	2" dia. 12 in ²	
Belt Pulley	20" P.D. 3B	20" P.D. 3B
Brake	Disc Type	
Output Shaft	3" dia. high strength steel	
Bridle	1 1/2" dia., 3/4" cable, 7" centers	
Structural Unbalance: LBS	290 lbs.	
Standard Effective Counter Balance	290 lbs.	
Maximum Effective Counter Balance	8207 lbs. with 20 counterweights	
Recommended Center Distance	36"	36"
Chain Reducer Box Oil Required	15 gal	15 gal
Weight of Counter Weights	224 lbs.	224 lbs.

HELLSTAR MODEL NUMBER CODE

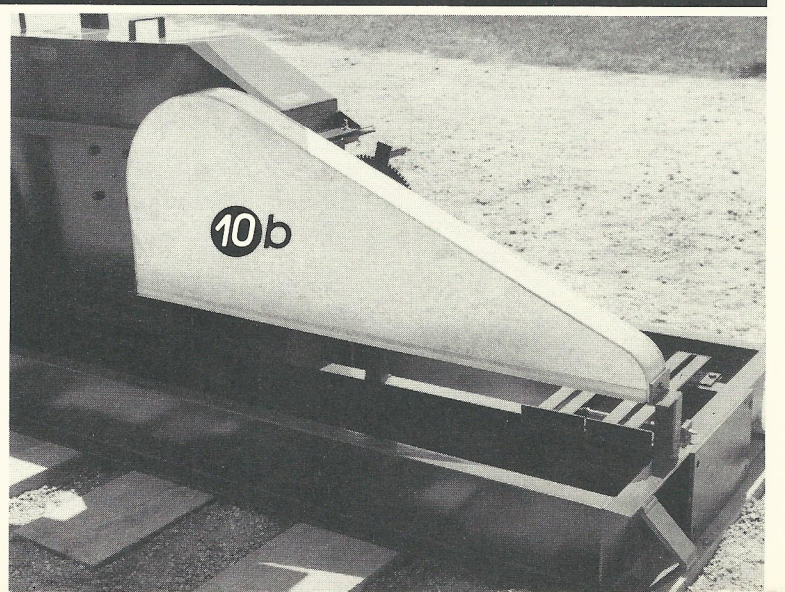
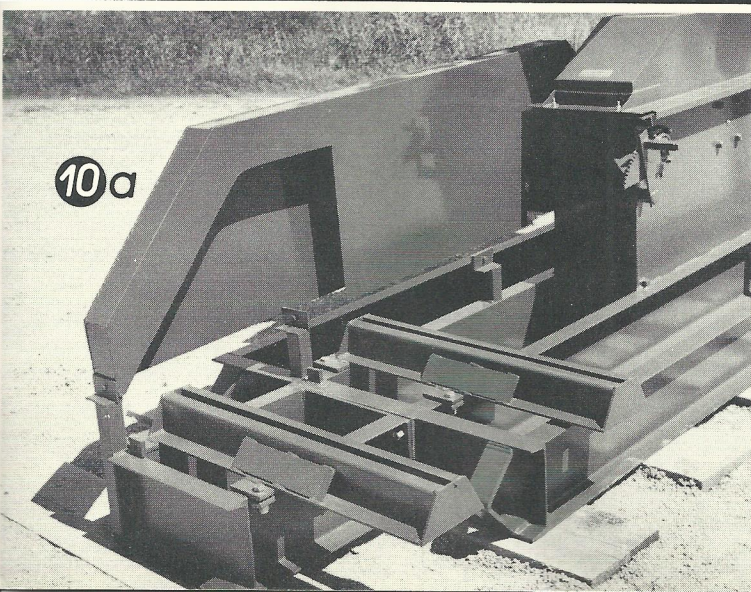


Hellstar



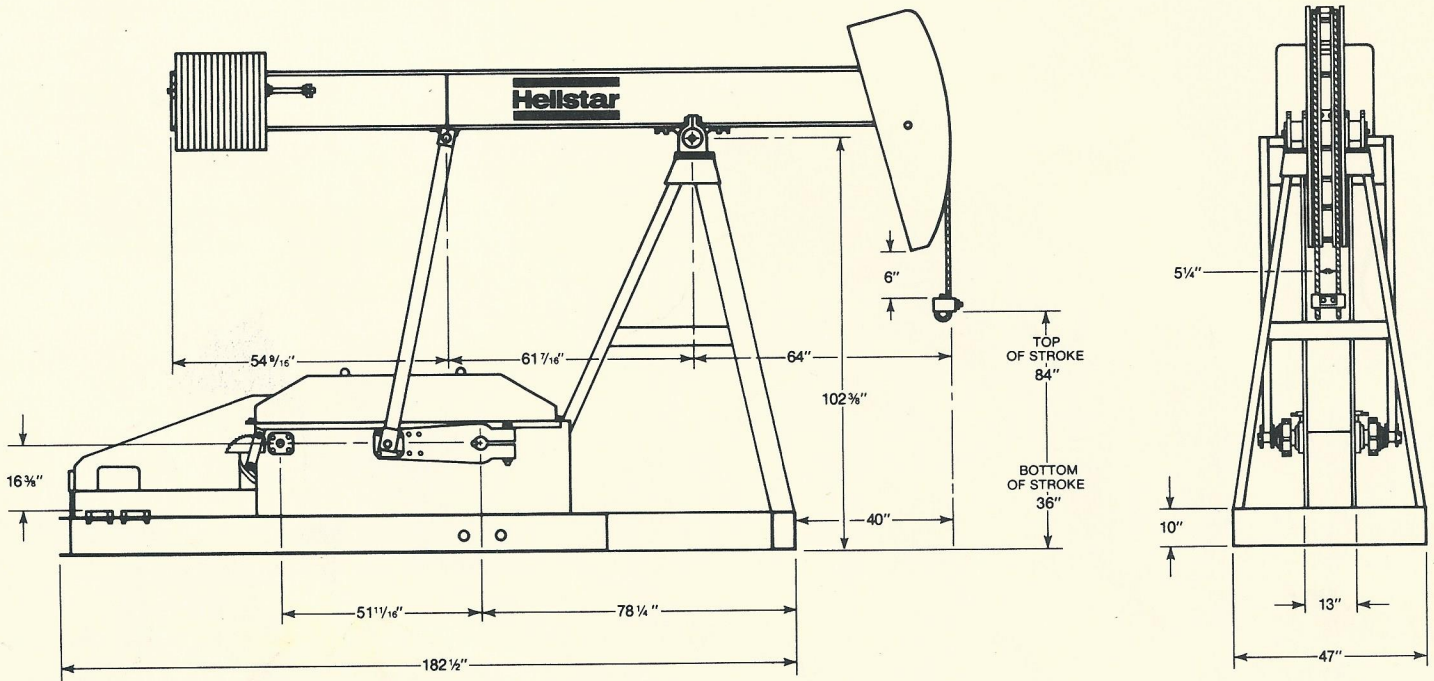
four bolts, repositioning the wrist pin to the desired location and reinserting the four bolts. This Hellstar exclusive feature effectively eliminates the old taper pin problems. ⑦ Extra large heavy-duty bronze bearings are used for the main saddle and tail bearings. ⑧ The roll-back arc is easily removed for well servicing and has a side to side leveling feature. The walking beam also has adjustment screws for accurate positioning over the well head. ⑨ Beam-

balanced tail weights are fabricated from plate steel. Unlike cast iron, they won't break if dropped. ⑩ "T" base with electric motor rails is standard. An optional wide base, as shown on the cover, is available with either (a) gas engine or (b) electric motor mounting rails. Belt guards are available to match the prime mover used.



HELLSTAR BEAM BALANCED PUMPING UNITS

40-95-42 and 57-95-48 DIMENSIONS



Hellstar—in business to keep you in business.

Hellstar

Hellstar Corporation

1600 N. Chestnut St. • Wahoo, Nebraska 68066 • 402-443-4127. Outside of Nebraska call toll-free 800-228-4258.