



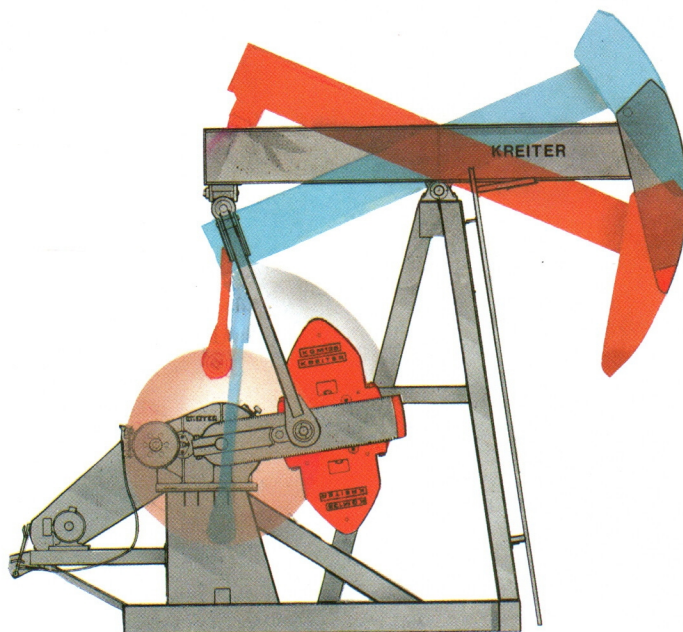
KREITER PUMPING UNITS

"Producing profits with Kreiter quality"



KREITER GEAR & MACHINE, INC.

801 E. Houston St. • Pasadena, Texas 77502 • 713/477-7290



Over 70 years of custom gear design and manufacturing experience.

Kreiter is one of the largest custom gear manufacturers in the U.S., with more than twelve acres of shops, storage yards and manufacturing areas near downtown Houston.

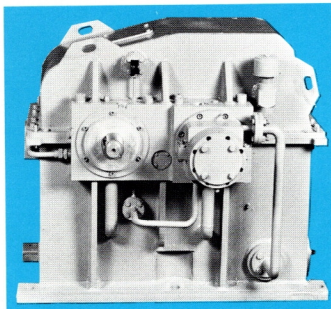
The same capabilities and experience which produce Kreiter gears, power transmission components, gear boxes and other precision products go into the design and manufacture of every Kreiter pumping unit. The plant organization is structured for maximum efficiency and fast turnaround, with separate departments for engineering, fabrication,

machining, gear cutting, assembly and testing. And all pumping unit reducers and structures are manufactured in the Kreiter plant to meet or exceed API specifications.

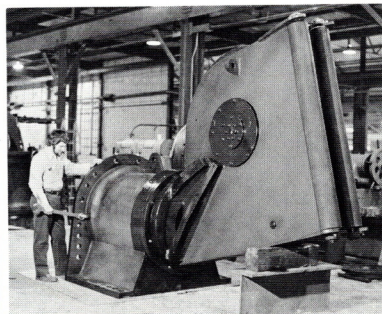
Kreiter also offers quality service for pumping units and maintains an in-depth parts inventory for all Kreiter models sold.

Kreiter has the pumping unit which can help boost *your* producing profits. For more information and price quotations, contact Kreiter Sales at 713/237-9793, 415 North St. Charles, Houston, Texas.

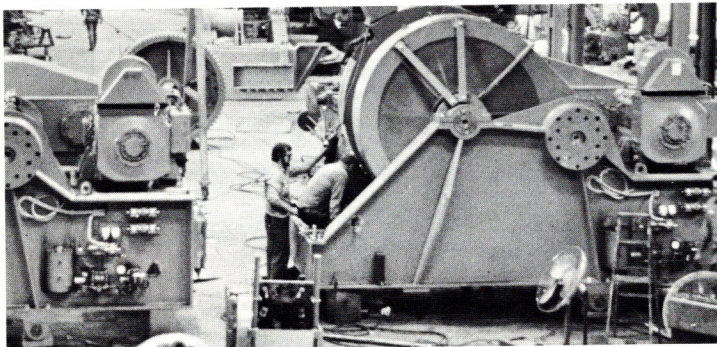
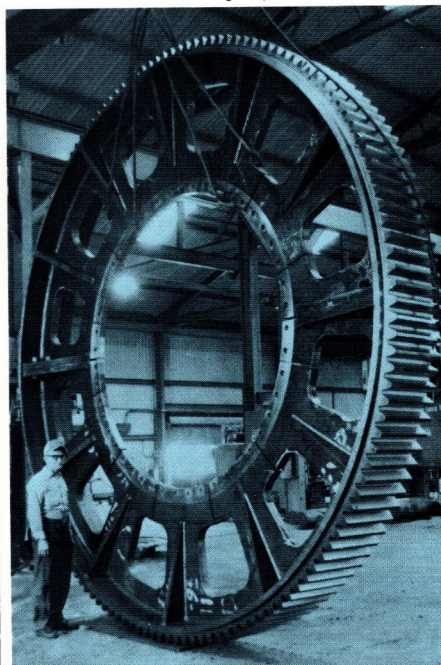
High Speed Gear Reducer



Offshore Fairlead

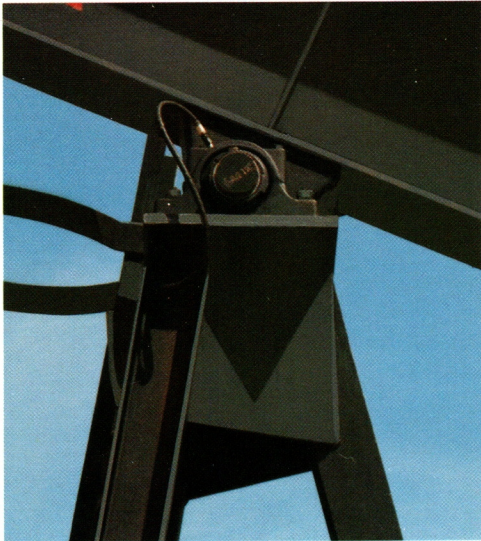


20' Dia. Large Spur Gear



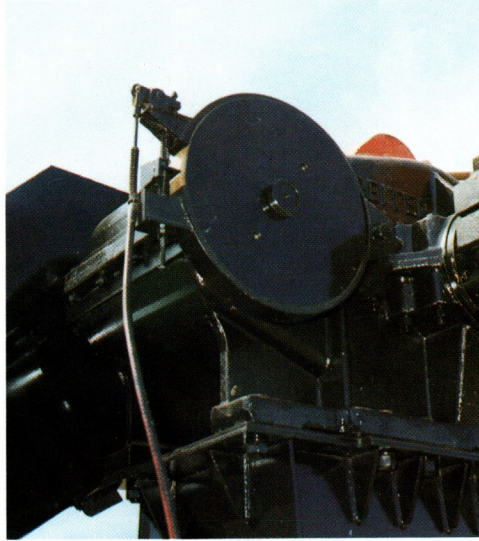
Offshore Winch

These KREITER Quality features are your



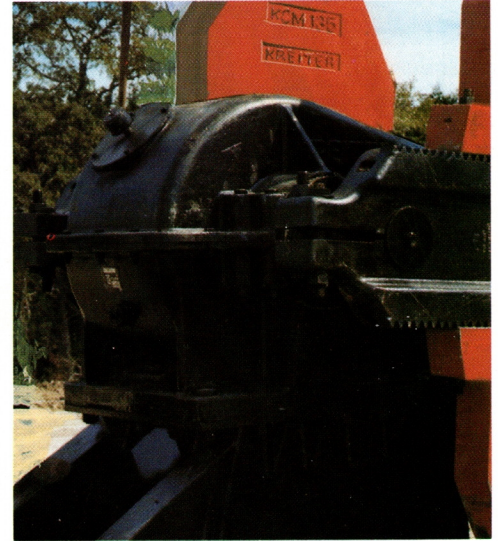
SADDLE BEARING ASSEMBLY

Double pillow block self-aligning Saddle bearing assembly provides a heavy, wide support for the walking beam. Ground lubrication grease lines are standard on all models.



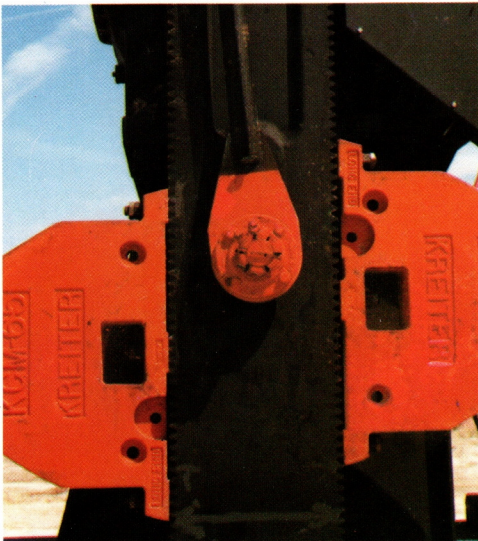
BRAKE ASSEMBLY

Kreiter's high capacity band brake will hold cranks and counterweights in any position when activated.



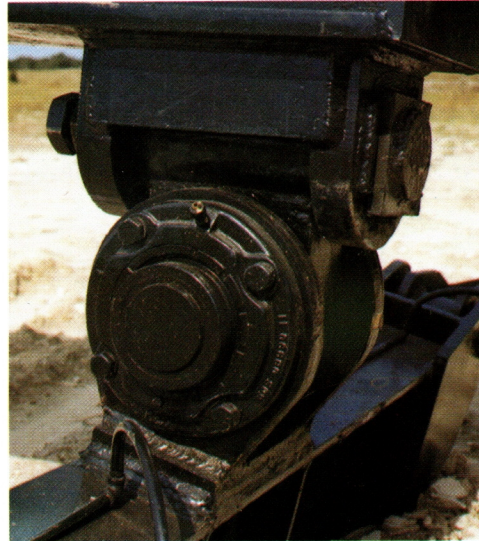
DOUBLE REDUCTION REDUCER

Heavy cast splitline housing with integral shell and ribbed reinforcing provides the strength and rigidity required to assure proper gear mesh for a rugged application. All wide faced precision helical gear sets are machined at Kreiter's Houston facility. Positive flood lubrication is tested on all assembled units before shipping. System provides generous oiling to tapered roller bearings and gear mesh at all speeds of standard operation. Bearings, gears, & shafts have all been designed to exceed the API specifications and provide a long dependable service life.



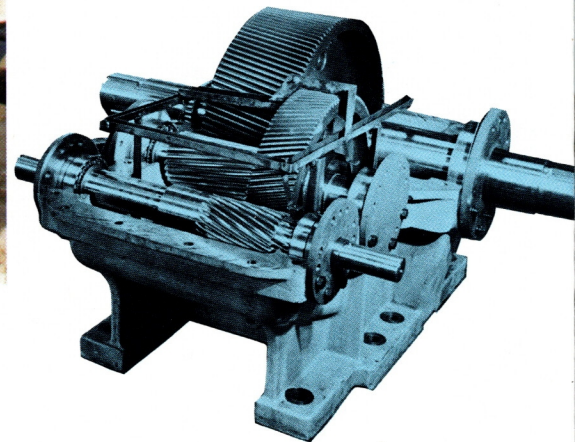
CRANK PIN ASSEMBLY

Crank pin bearings on all Kreiter pumping units are self-aligning spherical roller bearings. The crank pin is force fit into a matched tapered hole to provide a safe, tight assembly for the toughest well conditions.



EQUALIZER BEARING ASSEMBLY

Piloted flange self-aligning roller bearings precision fit into a unitized equalizer beam-clevis weldment provides durability while allowing easy access for routine maintenance. All Kreiter units utilize the cross pin Tail clevis arrangement to insure a balanced load. Ground lubrication is standard.

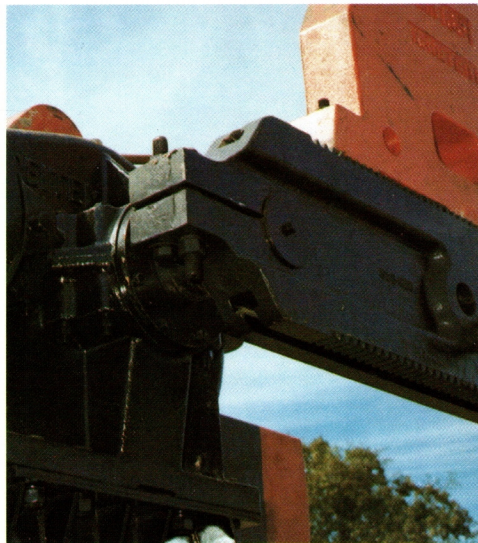


key to years of reliable operation



HORSEHEAD

The horsehead is designed for strength with a heavy load bearing pin in a positive lock clevis. The modern design allows the head to rotate back clear of the well during servicing without a worry of the horsehead being dangerously separated from the walking beam.



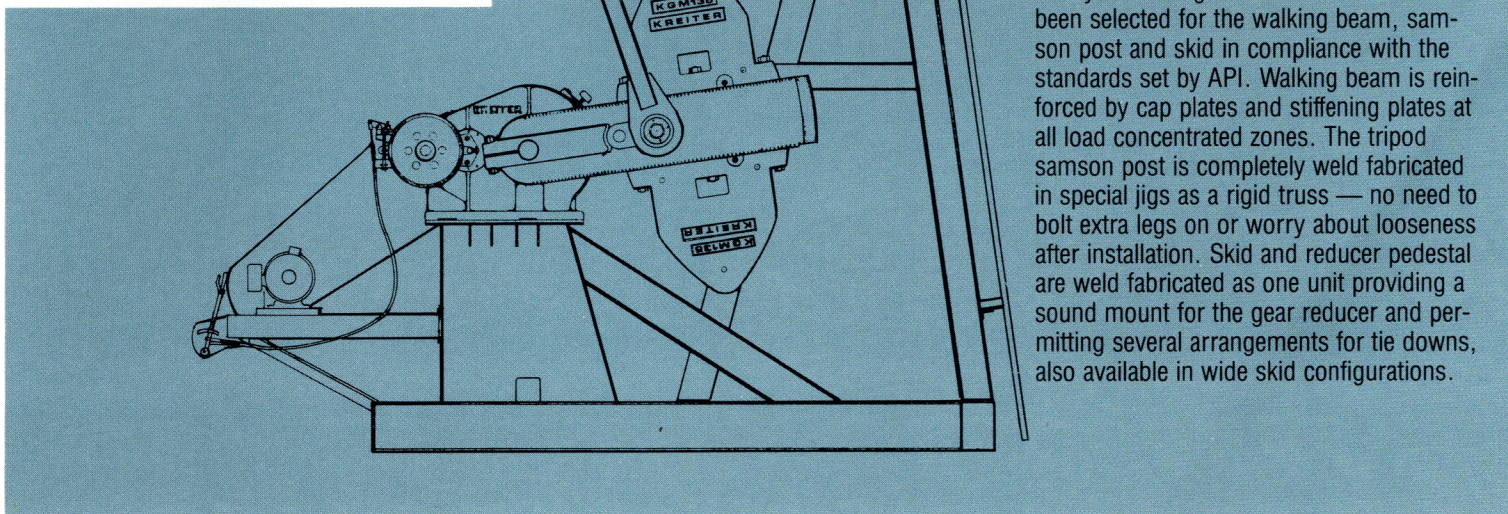
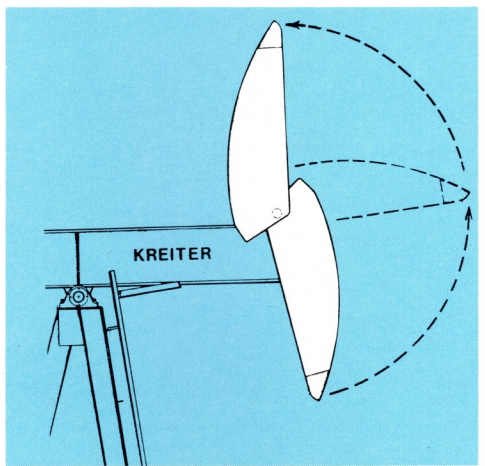
CRANK ARMS

Kreiter cranks utilize the double clamp design to safely secure the cranks to the gear reducer. All Kreiter cranks are bored and reamed for 3 wrist pin settings offering maximum stroke flexibility to meet pump conditions.



COUNTERWEIGHTS

Kreiter provides a full range of counterweights to meet the counter balance requirements of today's production wells. All counterweights are easily adjusted on the crankarms by simply loosening the nuts and rotating the removable pinion tool.



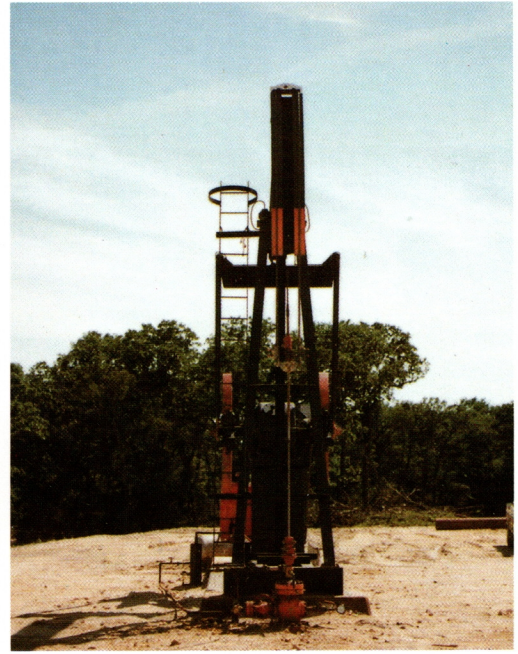
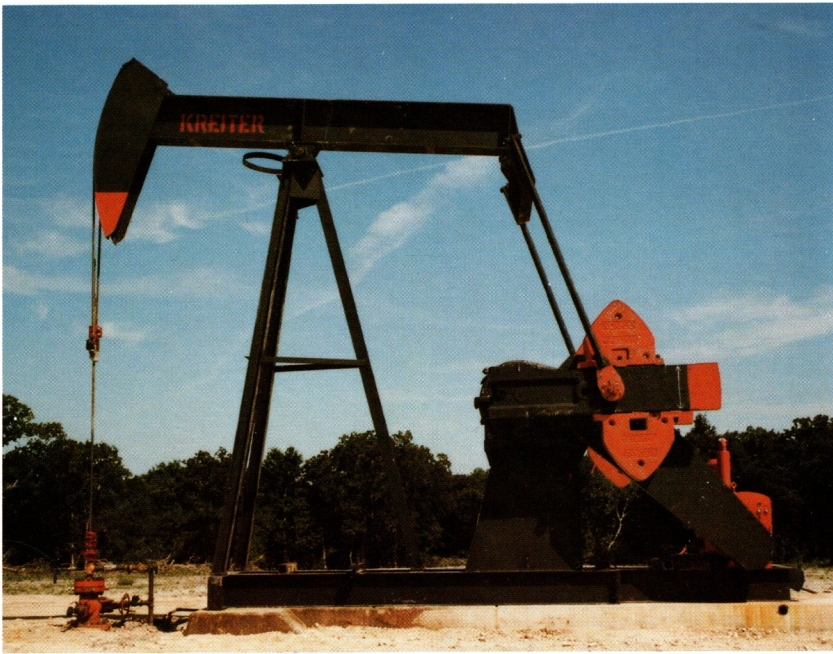
STRUCTURE

Heavy wide flange structural beams have been selected for the walking beam, samson post and skid in compliance with the standards set by API. Walking beam is reinforced by cap plates and stiffening plates at all load concentrated zones. The tripod samson post is completely weld fabricated in special jigs as a rigid truss — no need to bolt extra legs on or worry about looseness after installation. Skid and reducer pedestal are weld fabricated as one unit providing a sound mount for the gear reducer and permitting several arrangements for tie downs, also available in wide skid configurations.

Why Kreiter pumping units produce more profits for you

- Field proven designs for long, dependable service
- Wide range of models to fit many applications
- Every unit backed by Kreiter's precision manufacturing experience
- Complete parts and quality service provided by Kreiter
- Pumping unit reducer and structure built to API specifications in Kreiter's plant
- Competitive prices





KREITER conventional pumping unit SPECIFICATIONS

API UNIT SIZE	GEAR REDUCER (in.-lbs.)	RATIO OF GEARS	POLISHED ROD CAPACITY (lbs.)	STROKE (in.)	WIRE LINE HANGER (in.)	WALKING BEAM	SHEAVE SIZE
C-912-365-168	912,000	29.1:1	36,500	168	1 3/8 x 16	33 WF 220	48"
C-640-365-144	640,000	28.7:1	36,500	144	1 3/8 x 16	33 WF 220	48"
C-456-305-144	456,000	28.9:1	30,500	144	1 1/4 x 16	30 WF 173	48"
C-456-365-120	456,000	28.9:1	36,500	120	1 3/8 x 12	30 WF 191	48"
C-320-256-120	320,000	30.1:1	25,600	120	1 1/8 x 12	27 WF 146	36"
C-320-305-100	320,000	30.1:1	30,500	100	1 1/4 x 12	27 WF 161	36"
C-228-213-120	228,000	28.4:1	21,300	120	1 1/8 x 12	24 WF 131	36"
C-228-246-86	228,000	28.4:1	24,600	86, 74, 62	1 1/8 x 12	24 WF 117	36"
C-160-173-86	160,000	30.9:1	17,300	86, 74, 62	1 1/8 x 12	24 WF 94	30"
C-114-143-64	114,000	31.3:1	14,300	64, 52, 40	1 x 9	18 WF 71	24"

Kreiter quality products and services

- Custom gear design and manufacturing
- Power transmission components
- Standard and custom speed reducers and speed increasers
- Rotary equipment service and testing
- Oil field pumping units
- Special mining and conveying equipment



Authorized Manufacturer



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Member
American Gear
Manufacturers Association