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TIGER GENERAL INC.
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SPECIAL CONFIDENTIAL PRICING

3/17/2003

TIGER GENERAL WELLTENDER SWABBING RIG SPECIFICATIONS & PRICING
15,500 FOOT CAPACITY

MAIN DRAWWORKS/DRUM

FRAME: 4"X 4" SQUARE TUBING, "LADDER STYLE" REINFORCED, INNER FRAME. SHIELD & DRIP TRAY. WHEEL STYLE MOTOR * FLEET ANGLE AUTO SPOOLING DEVICE.

DRUM DIRECT DRIVE, HYDRAULIC. DRUM SIZE: 40" DIA X 50" WIDE. 10" OD X 8" I.D. BARREL, 1" THICK REINFORCED FLANGES, 3 15/16" MAIN SHAFT ON ROLLER AND BALL BEARINGS. PATENTED "FREE FALL" BYPASS VALVE. CAPACITY 15,500 FT. OF 9/16" NORMAL OPERATING DEPTH 16,000 FT. *NOTE: MAX CAPACITY REQUIRES 196 MOTOR & 12.2 PUMP

BRAKES: HYDRAULIC DISK TYPE. CARLISLE BRAND 2-M-4 SERIES 4 PISTON CALIPER WORKING ON 22" ROTOR. AIR ACTIVATED. FOR HOLDING & EMERGENCY. HYDROSTATIC BRAKES FOR DOWN HOLE

SANDLINE DRUM DRIVE

PUMP: SUNSTRAND 90 SERIES 7.93 CU.IN. 102 GPM @ 3,000 RPM. PUMPS DRIVEN FROM TIGER GENERAL POWER TOWER 370 HP ENCASED, TIMING BELT DRIVE. INSTALLED IN MAIN CHASSIS DRIVELINE.

MOTOR: ROTARY POWER MODEL SMA 153 CU.IN. MOTOR DEVELOPS 9,639 FT.LBS. TORQUE @ 5000 PSI, 20,498 POUNDS LINE PULL FIRST WRAP, 240 RPM, AVERAGE LINE SPEED 760 FT/MIN. FROM ENGINE TO DRUM BARREL, SYSTEM 92% EFFICIENT! THATS 30% MORE USABLE POWER THAN CHAIN DRIVE DRUMS. BIGGER SYSTEM AVG LINE SPEED 940 FT.MIN.



OIL FIELD SERVICE RIGS

Over 77 Years of productive service

HEAVY DUTY TRUCK / TRAILER SALES & LEASING

Diesel Truck Service, Engine Overhauls, all types of Welding, Job Shop Machine Shop Services, Driveshaft Repairs,
Manufacturer of Oil Field Truck Equipment, Truck Bodies, Frame Stretches



**"BRIDGER" DUMP TRAILERS
ROLL OFF TRAILERS
PUP TRAILERS**

MAIN HYDRAULIC PLUMBING SYSTEM:

MAIN DRIVE, HYDRAULIC STEEL TUBING WITH SAE "O" RING AND SAE 37 DEG. JIC FITTINGS WHEREVER POSSIBLE. PREMIUM HOSE IN OTHER AREAS. PIPE FITTINGS ON SUCTION SIDE. 30 GALLON STEEL RESERVOIR WITH CLEAN OUT DOOR. ANTI-SWIRL, SITE GAUGE WITH THERMOMETER, VENT. 190 SQ. IN. OIL COOLER, AUTO COOLER BYPASS VALVES. PATENTED "FREEFALL" BYPASS VALVE. ONE 50 GPM SUCTION FILTER, ONE 50 GPM RETURN LINE FILTER.

AUXILIARY HYDRAULIC: AUXILIARY HYDRAULIC SYSTEM FOR HYDRAULIC CYLINDERS, 10 GPM PIGGYBACK PUMP ON BACK OF MAIN PUMP. OR OTHER AUX PUMP. MULTI BANK 1/2" PORT SPOOL VALVE TO ACTIVATE HYDRAULIC CYLINDERS.

BODY: 174" LONG x 96" WIDE, 3/16" DIAMOND PLATE DECK. 3" CHANNEL XM, 5" CHANNEL MAIN FRAME, GUSSETS, FULL HEAVY DUTY HEADBOARD WITH WINDOW SCREEN REINFORCED FOR MAST REST. 24" x 96" 1-1/4"x 1/4" BAR GRATING FOLD UP WORK PLATFORM. SWING FRAME 3" x 5" x 1/4" RECTANGLE. TUBING SET FOR BREAK-OVER MAST. GREASE FITTINGS ON SWING HINGE AND LATCHES. TWO HYDRAULIC 25" STROKE TWIN POST REAR STABILIZERS, CHROME CYLINDER SHAFTS ON STABILIZERS AND MAST RAISE CYLINDERS. SEALED TRUCK LIGHT SYSTEM. BODY UNITIZED AND BOLTED TO TRUCK FRAME, STEPS AND GRAB HANDLES TO FACILITATE ACCESS. 1 - 48" TOOL BOX. BODY ACID WASHED, PRIMED AND PAINTED ONE COLOR, ACRYLIC ENAMEL.

MAST: 7" x 7" x 1/4" SQUARE STEEL TUBING, 30' TO TOP OF 22" CROWN SHEAVE, MAST STICK OUT FROM SWING FRAME 48" BASE SECTION SETS ON REINFORCED BODY. HYDRAULICALLY RAISED WITH 3" x 30" CYLINDER. "QUICK TILT" MAST ADJUST. OPERATING LOAD 48,000# WHEN PROPERLY GUYED.

* TIGER GENERAL RESERVES THE RIGHT TO UPDATE & CHANGE SPECIFICATIONS AS IT SEES FIT TO DO.

35 (37)

PRICE.....
DISCOUNT,.....
NET INVESTMENT,,,.....

OPTIONS; AT NET INVESTMENT PRICING;

B. POLYURETHANE PAINT.....

G. MORE POWERFUL ROTERY POWER MOTOR 196 CU.IN.
17,248 FOOT POUNDS TORQUE.....

G-1 TWIN 6.1 CU.IN. SUNSTRAND PUMPS,.....

C. FULL RIG & CHASSIS CANOPY, ALUMINUM.....

D. EXTRA TOOL BOX, 18 X 18 X 36", ..EACH,.....

E. VERTICAL 36" X 18X18" TOOL BOX, 2 SHELVES,.....

F HEAVIER SWABBING MAST, 1 SHEAVE 48' TELESCOPIC MAST, 8 X 8"
X 1/4" OUTER, 7 X 7 X 5/15" INNER,.....

G LEFT SIDE FOLD DOWN PLATFORM, & SIDE CONTROLS,.....

I. TOOL RACK ON SIDE.....

J. ELECTRONIC SANDLINE DEPTHOMETER.....

K. LUBRICATOR MOUNT ON MAST

L CABLE CONDITIONER SPRAY BAR, TANK & CONTROLS.....

M PRESSURE OIL SAVER "SLOBBER" TANK & CONTROLS,.....

U. ELECTRONIC ENGINE ADAPTER CONTROLS,.....

V. SPECIAL COMPUTER SYSTEM FOR LOAD SENSE, GROSS & NET LOADS, DEPTH, LINE SPEED.
THROUGH LOAD SENSE IN CROWN SHEAVE. DOWN-LOADABLE TO LAPTOP COMPUTER. SPECIAL NET
INVESTMENT,..... *S.P.T. 12,843.00*..... 12,843.00*** *OPTION*

**2003-4? INTERNATIONAL 7000 SERIES CHASSIS PER SPEC,.....

MAR 17 2003



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 SEND E-MAIL INQUIRIES TO
 SCOTT@TIGERGENERAL.COM



12.20 PUMP CU INCH/REV	2400 PUMP RPM	0.70 SYSTEM FACTOR DECIMAL
153.00 HYD MOTOR CUBIC INCH	29280 PUMP CU INCH/MIN	10.000 REEL BARREL DIA INCH
270 TOOL WEIGHT POUNDS	191 HYD MOTOR RPM	50.000 BETWEEN FLANGES INCH
0.5625 CABLE DIAMETER INCH	88.7 SYSTEM GPM	15.000 MAX CABLE DEPTH INCH
0.480 CABLE POUNDS/FOOT	2029 #/FT PER 1K PSI	40.000 REEL FLANGE O.D. INCH
12000 INSTALLED CABLE FEET	10.0 FLUID #/SGALLON	0.827 K FACTOR @.2618/DIA. SQ
2.500 WELL TUBING I.D. INCH	0.392 FT/LB FLUID WEIGHT	15514 REEL MAX CAPACITY FEET

OVER 1000 FT MIN. AVE.

CABLE FEET WELL	CABLE PER DEPTH LAYER MIN. FEET	4000 ** SYSTEM ** 145 HP			5000 ** PRESSURE ** 181 HP			6000 ** PSI ** 217 HP			7000 254 HP		
		#S	FEET	#S	FEET	#S	FEET	#S	FEET	#S	FEET		
		PULL	BRRL	FLUID	PULL	BRRL	FLUID	PULL	BRRL	FLUID	PULL	BRRL	FLUID
1	503 11754	6998	16.7	2744	10226	24.3	4010	13453	32.0	5276	16681	39.7	6542
2	556 11482	5886	14.0	2308	8803	21.0	3452	11720	27.9	4596	14637	34.8	5740
3	610 11184	5005	11.9	1963	7665	18.3	3006	10326	24.6	4050	12987	30.9	5093
4	663 10860	4301	10.2	1687	6747	16.1	2646	9193	21.9	3605	11639	27.7	4564
5	717 10509	3739	8.9	1466	6002	14.3	2354	8265	19.7	3241	10529	25.1	4129
6	770 10132	3290	7.8	1290	5396	12.8	2116	7502	17.9	2942	9608	22.9	3768
7	824 9730	2936	7.0	1152	4906	11.7	1924	6875	16.4	2696	8844	21.1	3468
8	878 9301	2662	6.3	1044	4511	10.7	1769	6360	15.1	2494	8209	19.5	3219
9	931 8845	2455	5.8	963	4198	10.0	1646	5940	14.1	2330	7683	18.3	3013
10	985 8364	2307	5.5	905	3955	9.4	1551	5603	13.3	2197	7251	17.3	2843
11	1038 7856	2211	5.3	867	3774	9.0	1480	5336	12.7	2093	6899	16.4	2706
12	1092 7323	2160	5.1	847	3646	8.7	1430	5133	12.2	2013	6619	15.8	2596
13	1145 6763	2151	5.1	844	3568	8.5	1399	4985	11.9	1955	6401	15.2	2510
14	1199 6176	2179	5.2	855	3533	8.4	1385	4886	11.6	1916	6240	14.9	2447
15	1252 5564	2242	5.3	879	3537	8.4	1387	4833	11.5	1895	6129	14.6	2403
16	1306 4926	2336	5.6	916	3578	8.5	1403	4821	11.5	1890	6063	14.4	2378
17	1359 4261	2459	5.9	964	3653	8.7	1432	4846	11.5	1900	6040	14.4	2369
18	1413 3570	2610	6.2	1023	3758	8.9	1474	4906	11.7	1924	6055	14.4	2374
19	1467 2853	2786	6.6	1093	3893	9.3	1527	4999	11.9	1960	6105	14.5	2394
20	1520 2110	2987	7.1	1171	4054	9.7	1590	5122	12.2	2009	6189	14.7	2427
21	1574 1340	3211	7.6	1259	4242	10.1	1664	5273	12.6	2068	6304	15.0	2472
22	1627 545	3457	8.2	1356	4454	10.6	1747	5452	13.0	2138	6449	15.4	2529
23	1681 -277	3725	8.9	1461	4690	11.2	1839	5655	13.5	2218	6621	15.8	2596

MAX PULL

!! WARNING !! It is our understanding that the general nature of oil and gas well servicing can be extremely dangerous. Make sure you fully understand all the possible dangers. Experience and good judgement should prevail in the operation of any rig. We recommend that only experienced rig operators operate our WELLTENDER rigs. We make no warranty of merchantability or fitness for a particular purpose for our WELLTENDER machines. This chart and information is merely a guideline of performance based on the stated criteria. **This data is not a guarantee of performance.** Due to the varying nature of oil and gas wells, tool and cable weight are the only down hole factors represented. There are other factors that will impact these guidelines. Some, but not all, factors could be down hole gas pressure, vacuum, friction, etc.