

Jacking Experts



Jacking Experts, the Key to your Rig Safety

Our Vision:

We aim to be the first choice of our clients, delivering reliable Services, Systems and Solutions on Budget and on Time.

Introduction

"Jacking Experts is a global Jacking Systems company, serving the Oil & Gas industry since 2009. Headquartered in Hamriyah Free Zone - UAE, Jacking Experts has achieved significant global growth.

We operate in 12 countries, with offices and service workshop facilities located in U.A.E and Singapore along with representation in UK.

Jacking Experts is committed to Service and Survey of Jacking Systems, providing cost effective solutions to support our clients.





Brief History

Since 2009, Jacking Experts has been performing specialized services on Jacking Systems

In the last 6 years we have supervised 8 Jack up constructions and provided our services on 54 rigs

We have performed surveys on more than 37 Jack up Rigs

A team of experts at your service

Jacking Experts provides services and expertise exclusively on Jacking Systems.

Any Jacking system represents a wide variety of field of expertise: mechanical, structural and electrical - this is why we only focus on this product to be the best in this field of expertise. From a New Build project in the most advanced shipyard to the offshore survey of a 35 years old jack up rig, we have accumulated experiences and developed our own proven methods to support our customer throughout the entire lifespan of their equipments.



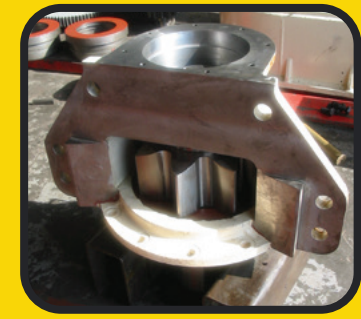


Inspection

The purpose of the inspection is to assess the condition of the Jacking System and establish the scope of repair when needed. Our inspection services and health checks will help you to optimize your rig maintenance and provide you with an in-depth indication of the technical state of the Jacking System on board. Our Inspection reports are used as a mean for ABS and DNV GL classification approvals. Our team will maintain the integrity of rack and pinion style Jacking Systems. A good inspection prevents the risk of gear failure, resulting in lower operating costs and maximizing rig utilization.




Spare Parts

We cover a vast range of spare parts for Jacking systems to be able to support our clients globally.



Sample Reports

		1	2	3	4	5	6												
		New condition	Good Condition - Useable Service Life Remaining	Fair Condition - Some wear evident but remains serviceable	Poor Condition - Operations permissible with accelerated inspection and maintenance. Replacement must be planned.	Very poor condition (replace as soon as possible): the gear/shaft is in very poor condition, but jacking the system is still possible under close scrutiny without putting in jeopardy the rig and its personnel on board; the consequences of that use being more damage to the other parts	Extremely poor condition, immediate replacement is required, jacking the system will induce costly damages as well as security issues												
		BOW LEG	A1	A2	A3	A4	A5	B1	B2	B3	B4	B6	C1	C2	C3	C4	C6		
GENERAL OVERVIEW	Primary gear set	1	7T 3/4 P primary pinion	3	4	4	5	5	5	3	3	5	5	3	3	3	3	4	
		2	44T 3/4 P bull gear	3	4	4	5	4	4	3	2	4	5	3	3	3	3	4	
	Secondary gear set	3	7T 3/8P pinion shaft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		4	30T 3/8 P bull gear	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	
	Final pinion	5	7T 3/16 P climbing pinion	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		6	30T/7T rack pinion shaft	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	7	Motor Brake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
BAKER MARINE JACKING SYSTEM INSPECTION			STB LEG	A1	A2	A3	A4	A5	B1	B2	B3	B4	B6	C1	C2	C3	C4	C6	
	Primary gear set	1	7T 3/4 P primary pinion	3	3	3	3	3	5	3	3	5	5	3	3	3	3	4	
		2	44T 3/4 P bull gear	3	3	3	3	3	4	3	2	4	5	3	3	3	3	4	
	Secondary gear set	3	7T 3/8P pinion shaft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		4	30T 3/8 P bull gear	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	
	Final pinion	5	7T 3/16 P climbing pinion	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		6	30T/7T rack pinion shaft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
7	Motor Brake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
				PORT LEG	A1	A2	A3	A4	A5	B1	B2	B3	B4	B6	C1	C2	C3	C4	C6
Primary gear set	1	7T 3/4 P primary pinion	3	3	3	3	3	5	3	3	5	5	3	3	3	3	3	4	
	2	44T 3/4 P bull gear	3	3	3	3	3	4	3	2	4	5	3	3	3	3	4		
Secondary gear set	3	7T 3/8P pinion shaft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	4	30T 3/8 P bull gear	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4		
Final pinion	5	7T 3/16 P climbing pinion	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	6	30T/7T rack pinion shaft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
7	Motor Brake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
		Date	July/August 2014																
		Rig Name	XXXXXXXXXXXXXXXXXXXX																
		Inspected by	J-L A Guichery																

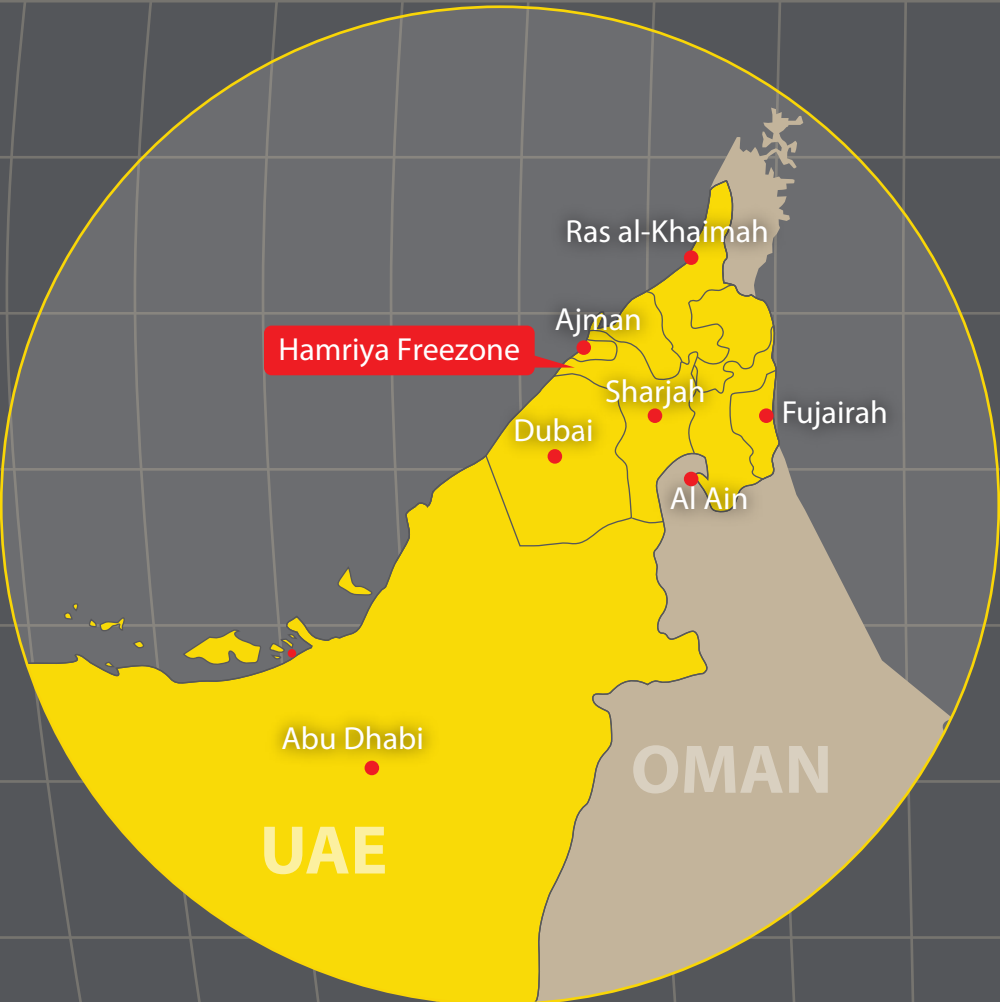
		GEARS & SHAFT			
Item	Photo	Data to be checked			Condition
VISUAL INSPECTION SHEET -1- 7T 3/4 P primary pinion		Pitting			4
		Wear Marks			
		Sharp edges			
		Plastic deformation			
		No			Comments UNEVEN WEAR
		Slight			
		Important	X	X	
		Severe			
BAKER MARINE JACKING SYSTEM INSPECTION -2- 44T 3/4 P bull gear		Pitting			5
		Wear Marks			
		Sharp edges			
		Plastic deformation			
		No			Comments
		Slight			
		Important	X	X	
		Severe			
BAKER MARINE JACKING SYSTEM INSPECTION -3- 7T 3/8P pinion shaft		Pitting			3
		Wear Marks			
		Sharp edges			
		Plastic deformation			
		No			Comments DOUBLE WEAR
		Slight			
		Important	X	X	
		Severe			
		Date	August-14		
		Rig Name	XXXXXXXX		
		Inspected by	Franck Jaussaud		
			1A		

Our Track Record in a glance

- ① **COSL** : Superior, Craft
- ① **Ensco** : E52, E54, E53, E56, E108
- ① **GMS** : Kikuyu, Kamikaze, Kawawa, Kudeta, Naashi, Kelo, Endurance, Endeavour
- ① **KS Drilling** : Medstar 1, Atlantic Rotterdam, Java Star
- ① **Nabors** : 655, 657, 660
- ① **Noble** : Dick Favor, Kenneth Delaney, Gus Androes, Harvey Duhaney, Roy Rhode, Tommy Craighead, David Tinsley, Alan Hay, Mick O'Brien
- ① **Pride International** : Pride North Dakota, Pride Montana, Pride Cabinda
- ① **Saipem** : PN3
- ① **Top Oilfield** : Wave Sierra
- ① **GSP** : GSP Magellan, GSP Fortuna
- ① **Pyramid Drilling** : Bennevis
- ① **SBO** : Pacific Orca, Pacific Osprey
- ① **SHI** : SPO, Seajacks Scylla
- ① **HGO** : Innovation
- ① **Maersk** : Innovator



Our Offices



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