

# TECHNICAL SPECIFICATIONS OF ONHYM'S DRILLING RIG IDECO H525 MODEL

Item	Description		
1	<b>RIG NAME</b>	IDECO	
2	<b>RIG TYPE</b>	H525	
3	<b>AVERAGE FUEL CONSUMPTION</b>	2,5 - 3,5	M3/DAY
4	<b>AVERAGE OIL LUBRICANT CONSUMPTION IN DRILLING OPERATIONS</b>	40	KG/DAY
5	<b>YEAR OF RIG DELIVRY</b>	1977	
6	<b>TRUCK TRIPS REQUIRED FOR MOVING</b>	52	
7	<b>MAXIMUM DRILLING DEPTH CAPACITY</b>	6560	ft
8	<b>POWER PLANT</b>		
		CATERPILLAR	
		D3408 / D343	
	Diesel Engines	6	
	Maximum continuous power	2340	HP
	at rotation speed	1800	RPM
	Converters	National	
		C195-64	
	AC generators	CATERPILLAR	
		3304	
		2	
	maximum continuous power	200	KVA
	output volts	220/380	V
	frequency	50	Hz
9	<b>MAST</b>		
		IDECO	
		KM 111 300 AM	
	total height from rig floor level	111	ft
	total height from ground level	124,5	ft
	API static hook load capacity	300000	lbs
	with max number of lines	8	
10	<b>SUBSTRUCTURE</b>		
	Mast substructure height	13,60	ft
	Drawworks and engines substructure height	6,95	ft
11	<b>CROWN BLOCK</b>		
	sheaves (NoxOD)	3x30"+2x42"	
	sheaves grooved for OD line	1" 1/8	inch
12	<b>HOOK BLOCK (TRAVELING BLOCK)</b>		
		IDECO	
		UTB	
	API rated capacity	160	mton
	sheaves	4	
	sheaves grooved for OD line	yesx1" 1/8	inch
13	<b>SWIVEL</b>		
		IDECO	
		TL200	
	rated capacity	200	mton
14	<b>DEAD LINE ANCHOR</b>		
		NATIONAL	
		F	
	for OD drilling line	1" 1/8	inch
15	<b>DRAWWORKS</b>		
		IDECO	
		HYDRAIR H525	
	Hoisting drum size (ODxL)	18"x41"1/2	inch x inch
	hoisting drum grooved x OD line	yesx1" 1/8	inch
	make up cathead	American 55	
	break out cathead	American 55	
	hydraulic brake	PakersburgxBC22 SR	
	Sandline drum size (ODxL)	12" 3/4x40"	inch x inch

		sandline drum capacity	13000x9"/16	ftxinch
		crown o matic device	ICB	
16	<b>MUD SYSTEM</b>			
		<b>Mud Pumps (Triplex)</b>	National	
			7P50	
			2	
		<b>Pulsation Dampener</b>	NEYRPIC	
		<b>Surcharging pump</b>	BYRON JAKSON	
			5x6 R	
		<b>Mud tanks</b>	3	
			3000	cu.ft
		<b>One skid mounted water storage</b>	1235	cu.ft
		<b>Shale shaker</b>	SWACOx2	
		<b>Mud dessander</b>	SWACOx1	
		<b>Mud dessilter</b>	BRANDTx1	
		<b>Horizontal degasser</b>	DRILCO/SEE FLO	
		<b>Mud mixing pump</b>	MISSION	