

AN ISO 9001:2008 COMPANY



# HYDRAULIC JACKS REMOTE CONTROL SINGLE ACTING (ECONOMY MODELS)

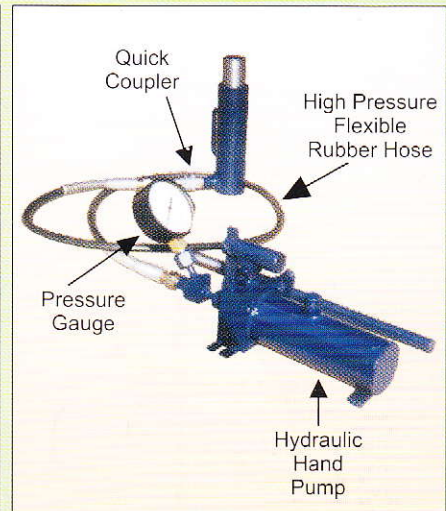
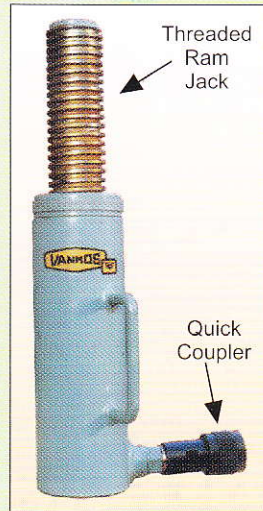
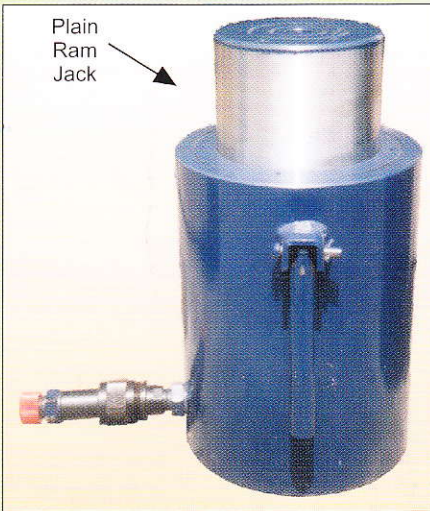


VANKOS HYDRAULIC JACKS - REMOTE CONTROL - PLAIN OR THREADED RAM - RAM SPRING RETURN.

VANKOS JACKS ARE AVAILABLE IN OVER 1000 DIFFERENT CONFIGURATIONS. WHATEVER YOUR HIGH PRESSURE JACK NEEDS ARE. YOU WILL FIND A VANKOS JACK SUITED TO THE APPLICATION.

WHEN ONE OF OUR STANDARD JACK CANNOT BE ADAPTED TO YOUR APPLICATION, VANKOS CAN DESIGN AND MANUFACTURE SPECIAL CUSTOM MADE JACK TO MEET YOUR REQUIREMENTS.

WE AT VANKOS TAKE OUR CUSTOMERS REQUIREMENTS VERY SERIOUSLY, THAT IS WHY WE OFFER TRIED AND TESTED PRODUCTS MADE TO STANDARD SPECIFICATIONS. VANKOS HYDRAULICS ARE USED EXTENSIVELY IN EVERY TYPE OF INDUSTRY IMAGINABLE.



**PURPOSE / PROPOSED USE OF PRODUCT :** MULTI PURPOSE JACKS RECOMMENDED FOR LIFTING AND PUSHING TASKS.

### PRODUCT DESCRIPTION :

THE PRODUCT CONSISTS OF A HYDRAULIC UNIT, PUMP AND HOSE (FOR REMOTE OPERATION) AND OTHER OPTIONAL ATTACHMENTS LIKE PRESSURE/FORCE GAUGE, QUICK COUPLER ETC.

JACK BODY IS MADE OF ALLOY STEEL/HEAT TREATED ALLOY STEEL. A LOCK NUT CAN BE PROVIDED FOR PROLONGED LOAD SUPPORT.

QUICKEST AND EASIEST WAY TO START WORKING RIGHT AWAY - ASK FOR READY TO USE SETS, WHICH HAS OPTIMUM MATCH OF INDIVIDUAL COMPONENTS. SETS INCLUDE JACK/CYLINDER, PUMP, HOSE, PRESSURE GAUGE WITH ADAPTOR, AND QUICK COUPLER.

### OTHER CAPACITIES AND STROKES CAN BE TAILOR MADE ON VERY SHORT DELIVERY

#### OPTIONS AVAILABLE TO CUSTOMER

- MOUNTING HOLES ON BASE AND PISTON FOR EASY FIXTURING.
- HARD CHROME PLATED PISTON ROD TO RESIST CORROSION AND SCORING.
- ROD WIPER TO PROTECT INNER CYLINDER FROM DIRT.
- PLAIN RAM OR THREADED RAM (FOR ADDITIONAL SAFETY AND UNLIMITED DURATION LOAD HOLDING ADVANTAGES).

#### ACCESSORIES AVAILABLE

- PRESSURE/LOAD GAUGE.
- QUICK COUPLER.
- JACK BASES FOR ADDED STABILITY AND SAFETY.
- SPECIAL COLLAR, BASE AND ROD ATTACHMENTS FOR PROBLEMS INVOLVING SPREADING, PUSHING, PULLING ETC.
- SADDLES FOR EASY ATTACHMENT OF PULL RODS, FIXTURES ETC.
- SWIVEL SADDLE TO PROTECT CYLINDER FROM SIDE LOAD.

#### FEATURES / ADVANTAGES

- RAM SPRING RETURN.
- PROVEN DESIGN ASSURE LONG LIFE AND TROUBLE FREE SERVICE.
- ALL MODELS PROVIDED WITH CARRYING HANDLES.
- DOES JOB FAST AND EASY.
- MINIMUM LABOR AND MAXIMUM PRODUCTIVITY.

#### APPLICATIONS :

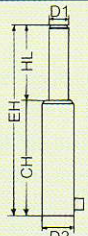
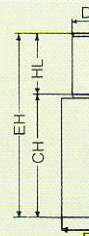
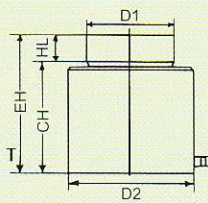
PLANT MAINTENANCE, PRODUCTION, FABRICATION, CONSTRUCTION PROJECTS (PILE TESTING, PRESTRESSING, TUNNEL PROJECTS ETC.) STEEL MILLS, POWER PLANTS, SHIP YARDS ETC. THEY CAN ALSO BE USED FOR A WIDE VARIETY OF PRESSING, BENDING, CLAMPING OR TOOLING APPLICATIONS.

### ALSO AVAILABLE : 700 BAR WORKING PRESSURE LIGHT WEIGHT JACKS.


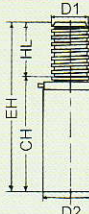
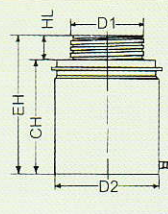
HYDRAULIC POWER FOR ALL APPLICATIONS

**LIFT PRESS PUSH PULL BEND**

## Technical Specifications – Single Acting Remote Control VANKOS Hydraulic Jacks – Plain Ram – Type : RC

TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS- STANDARD SERIES- REMOTE CONTROL PLAIN RAM CAPACITY : 5 TO 25 T TYPE : RC				TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS-STANDARD SERIES-REMOTE CONTROL-PLAIN RAM CAPACITY : 30 TO 100 T TYPE : RC				TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS-EXTRA HEAVY DUTY SERIES-REMOTE CONTROL-PLAIN RAM CAPACITY : 150 TO 500 T TYPE : RC-EHD							
TYPE	RC 5/150	RC 10/150	RC 15/150	RC 20/150	RC 25/150	RC 30/150	RC 40/150	RC 50/150	RC 75/150	RC 100/150	RC-EHD 150/150	RC-EHD 200/150	RC-EHD 300/150	RC-EHD 400/150	RC-EHD 500/150
Capacity in T	5	10	15	20	25	30	40	50	75	100	150	200	300	400	500
Closed Ht. CH	230	240	270	275	280	285	305	315	315	320	325	350	350	450	485
Hydraulic Lift HL	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Extended Ht. EH	380	390	420	425	430	435	455	465	465	470	475	500	500	600	635
Ram Dia. D1	46	50	67	73	76	90	100	115	125	155	210	225	275	315	342
Body Dia. D2	63	80	100	110	115	127	145	158	195	235	305	330	410	450	485
Wkg P. Kg/cm <sup>2</sup>	276.20	436.5	358.5	398	440.7	397.9	365.6	407.6	424.3	415.6	377	442	424.2	467.5	452.5
Effec. Piston Area cm <sup>2</sup>	18.1	22.9	41.8	50.2	56.7	75.4	109.4	122.6	176.8	240.6	397.6	452.6	707.1	855.6	1104.9
Oil Req. Ltrs	0.30	0.50	0.70	0.80	1.00	1.25	1.80	2	3	3.7	6	8	11	13	18
Ram Retraction	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING
Weight Approx. kg	6	12	15	18	22	26	35	46	72	95	170	230	350	525	650

## Technical Specifications- VANKOS Hydraulic Jacks - Single Acting Remote Control Screwed Ram With Safety Lock Nut for Prolonged Load Support-Type RC-SR

TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS- STANDARD SERIES- REMOTE CONTROL SCREWED RAM WITH SAFETY LOCK NUT CAPACITY : 5 TO 25 T TYPE : RC-SR				TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS-STANDARD SERIES-REMOTE CONTROL SCREWED RAM WITH SAFETY LOCK NUT-EXTRA HEAVY DUTY SERIES- CAPACITY : 150 TO 500 T TYPE : RC-SR-EHD				TECHNICAL SPECIFICATIONS- VANKOS HYDRAULIC JACKS-REMOTE CONTROL SCREWED RAM WITH SAFETY LOCK NUT-EXTRA HEAVY DUTY SERIES- CAPACITY : 150 TO 500 T TYPE : RC-SR-EHD							
TYPE	RC-SR-5/150	RC-SR-10/150	RC-SR-15/150	RC-SR-20/150	RC-SR-25/150	RC-SR-30/150	RC-SR-40/150	RC-SR-50/150	RC-SR-75/150	RC-SR-100/150	RC-SR-EHD 150/150	RC-SR-EHD 200/150	RC-SR-EHD 300/150	RC-SR-EHD 400/150	RC-SR-EHD 500/150
Capacity in T	5	10	15	20	25	30	40	50	75	100	150	200	300	400	500
Closed Ht. CH	255	261	300	305	310	315	350	365	365	385	390	415	415	525	575
Hydraulic Lift HL	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Extended Ht. EH	405	411	450	455	460	465	500	515	515	535	540	565	565	675	725
Ram Dia. D1	46	50	67	73	76	90	100	115	125	155	210	225	275	315	342
Body Dia. D2	63	80	100	110	115	127	145	158	195	235	305	330	410	450	485
Working Press. Kg/cm <sup>2</sup>	276.2	436.5	358.5	398.0	440.7	397.9	365.6	407.6	424.3	415.6	377	442	424.2	467.5	452.5
Effec. Piston Area cm <sup>2</sup>	18.1	22.9	41.8	50.2	56.7	75.4	109.4	122.6	176.8	240.6	397.6	452.6	707.1	855.6	1104.9
Oil Req. Ltrs.	0.30	0.50	0.70	0.80	1.00	1.25	1.80	2.00	3.00	3.70	6	8	11	13	18.00
Ram Retraction	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING
Weight Approx. Kg	6.5	13	16	20	24	29	37	48	74	98	180	235	360	540	666

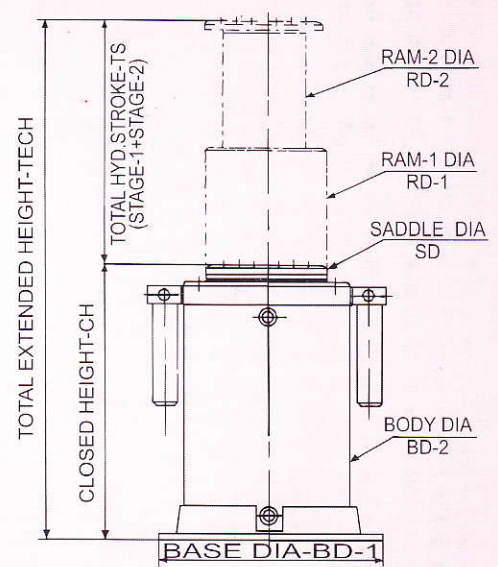
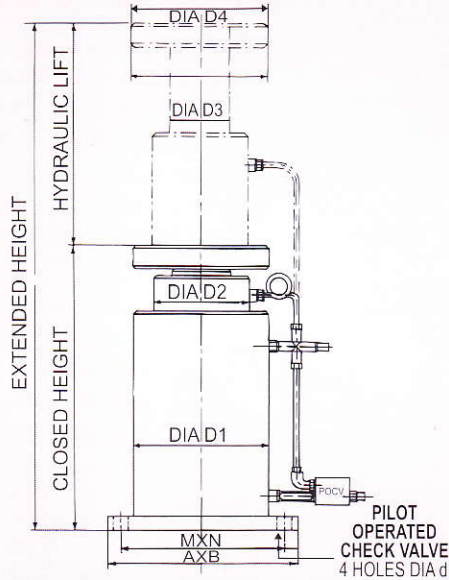
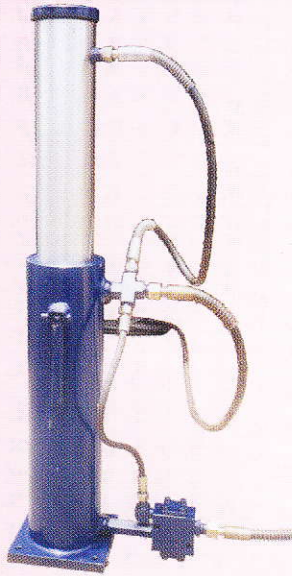
**RC-CJ = Remote Control – Complete Jack, Comprises of Jack, Hose & Pump (Pressure Gauge–optional with Adaptor)**

**OTHER CAPACITIES AND STROKES CAN BE MANUFACTURED ON VERY SHORT DELIVERY.**

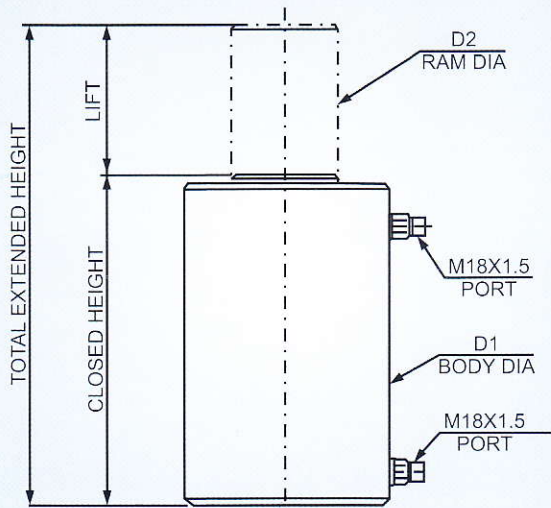
- PLEASE PROVIDE MAXIMUM DETAILS OF YOUR APPLICATION TO OFFER YOU A BEST POSSIBLE SOLUTION.
- THE MOST INNOVATIVE ENGINEERING STAFF AND HIGHLY SKILLED EXPERIENCED WORK FORCE IN THE COUNTRY WITH SPARES AND SERVICES COUNTRY WIDE.
- VANKOS CAN PROVIDE SOLUTIONS TO THE SPECIAL REQUIREMENTS OF CUSTOMERS SOME VANKOS JACKS ARE AVAILABLE IN SPECIAL CONFIGURATION NOT LISTED IN THIS CATALOG. GIVE US YOUR SPECIFICATION AND WE SHALL DESIGN A JACK FOR YOU.

**CUSTOM MADE REMOTE CONTROL JACKS ALSO AVAILABLE AS SHOWN BELOW :**

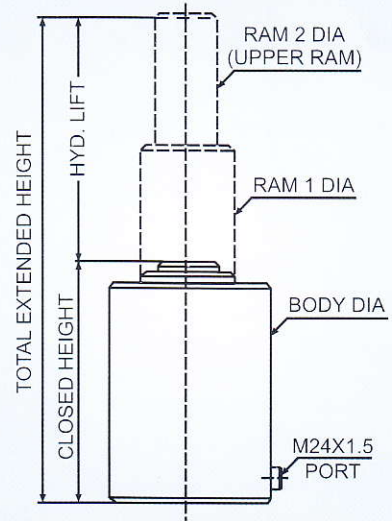
**MULTI-STAGE - DOUBLE ACTING TELESCOPIC JACKS (RAM RETURN BY OIL - ALL STAGES)**



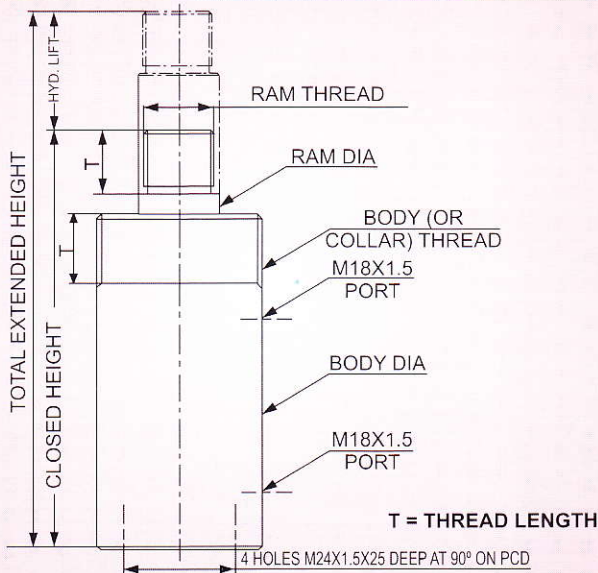
**DOUBLE ACTING JACKS - SINGLE STAGE  
RAM RETURN BY OIL**



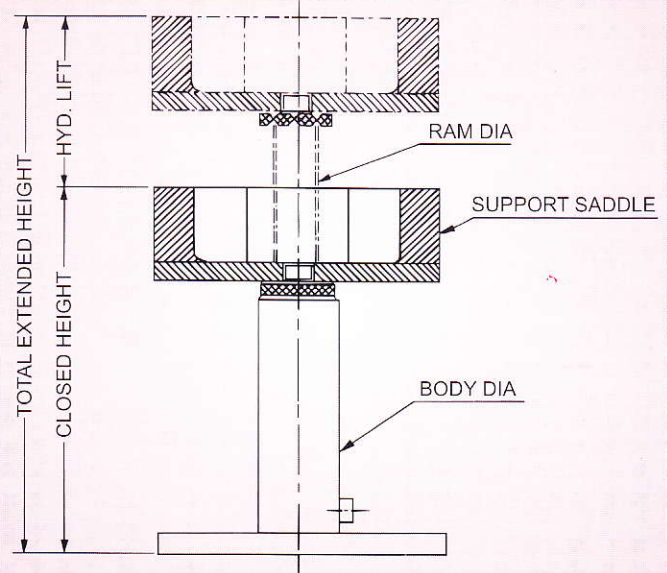
**MULTI-STAGE TELESCOPIC JACKS-  
SINGLE ACTING RAM  
(RAM SPRING RETURN OR LOAD (RETURN))**



**JACKS WITH THREAD ON BODY AND RAM**

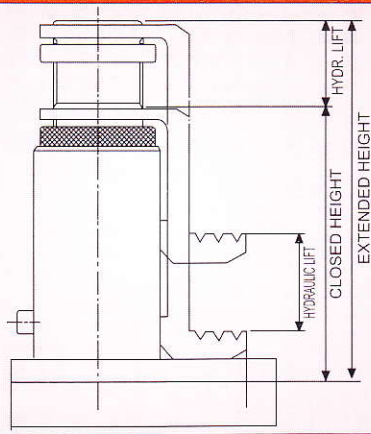


**JACKS WITH SUPPORT SADDLE**



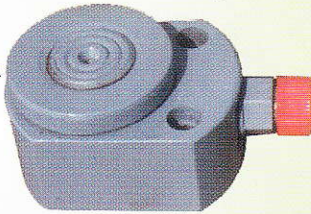
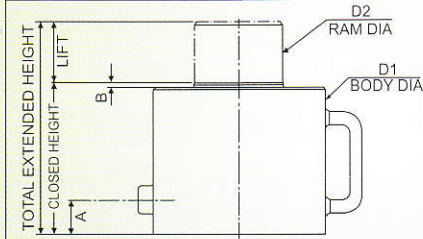
# CUSTOM MADE REMOTE CONTROL JACKS ALSO AVAILABLE AS SHOWN BELOW :

## REMOTE CONTROL TOE JACKS

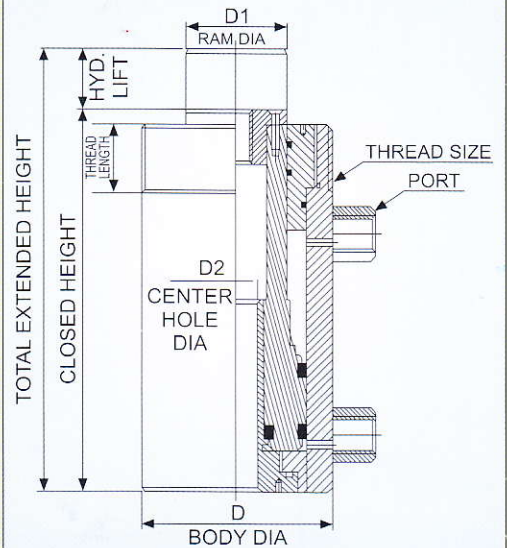


**NOTE :**  
MINIMUM  
INFORMATION  
REQUIRED FROM  
CUSTOMER  
FOR JACKS  
TO QUOTE :  
CAPACITY, LIFT,  
CLOSED  
HEIGHT

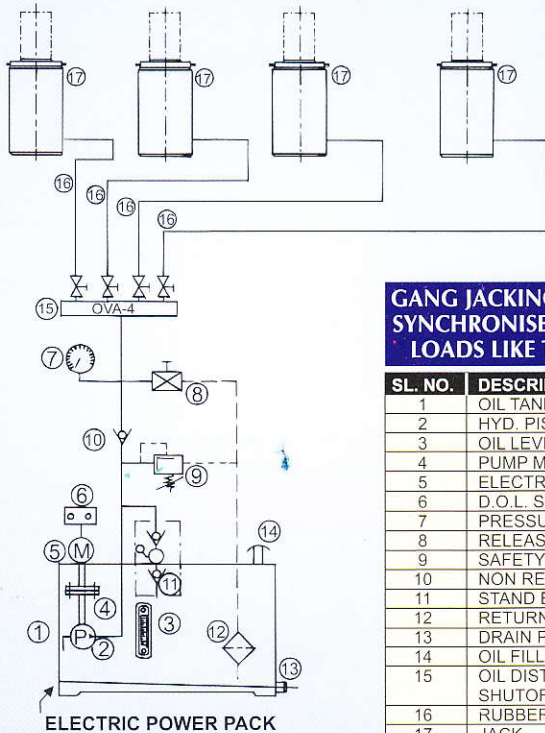
**LOW  
HEIGHT  
JACKS**



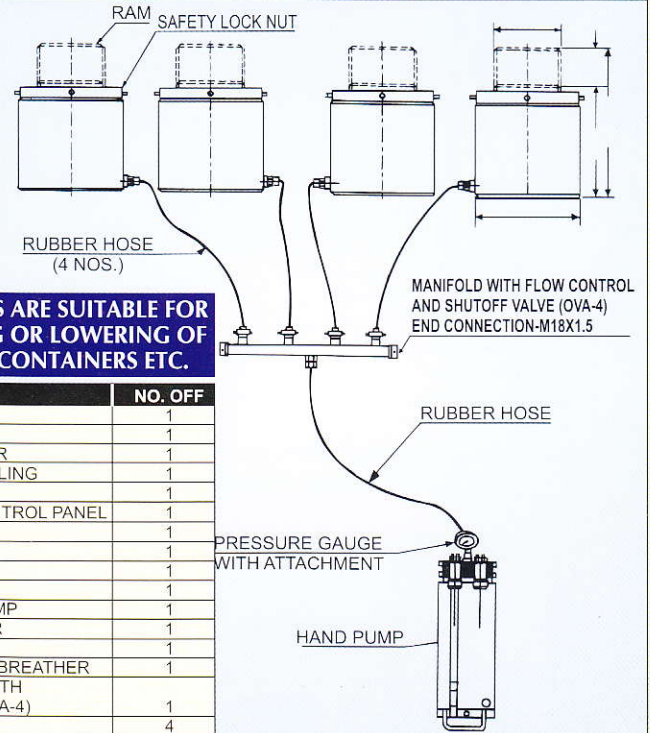
## CENTER HOLE JACKS



## GANG JACKING SYSTEM (FOUR JACKS OPERATED BY SINGLE ELECTRIC POWER PACK)



## GANG JACKING SYSTEM (FOUR JACKS OPERATED BY SINGLE HAND PUMP)



**GANG JACKING SYSTEMS ARE SUITABLE FOR SYNCHRONISED LIFTING OR LOWERING OF LOADS LIKE TANKERS, CONTAINERS ETC.**

SL. NO.	DESCRIPTION	NO. OFF
1	OIL TANK	1
2	HYD. PISTON PUMP	1
3	OIL LEVEL INDICATOR	1
4	PUMP MOTOR COUPLING	1
5	ELECTRIC MOTOR	1
6	D.O.L. STARTER/CONTROL PANEL	1
7	PRESSURE GAUGE	1
8	RELEASE VALVE	1
9	SAFETY VALVE	1
10	NON RETURN VALVE	1
11	STAND BY HAND PUMP	1
12	RETURN LINE FILTER	1
13	DRAIN PLUG	1
14	OIL FILLER CUM AIR BREATHER	1
15	OIL DISTRIBUTOR WITH SHUTOFF VALVE (OVA-4)	1
16	RUBBER HOSE	4
17	JACK	4

- All Dimensions are in mm unless otherwise stated.
- Designs and Dimensions are subject to alterations for the sake of improvement without notice
- Copyright of this catalog or any part of it is strictly reserved.

### OTHER PRODUCTS MANUFACTURED BY VANKOS :

- \* TROLLEY JACKS
- \* PRESSES
- \* LIFTING PLATFORMS
- \* HAND PUMPS
- \* POWER PACKS
- \* NUT SPLITTERS
- \* BOLT TENSIONERS
- \* CRIMPING TOOLS
- \* PULLERS
- \* PIPE BENDERS
- \* PORTABLE CRANES
- \* PALLET TRUCKS
- \* LOAD CELLS
- \* GANG JACKING SYSTEMS
- \* SMALL TRACK MACHINE
- \* HYDRAULIC AIR CRAFT JACKS

### MANUFACTURED BY

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**WEBSITE : www.vankos.com** AND MANY MORE HYDRAULIC EQUIPMENTS CUSTOM MADE TO ORDER.