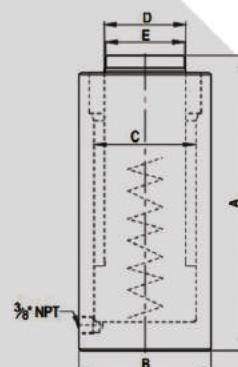
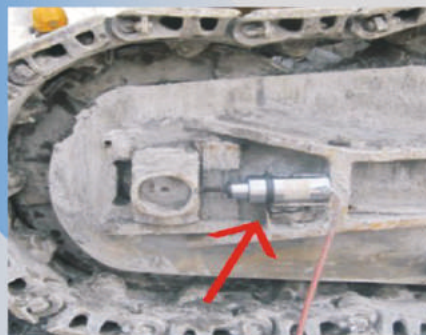


# EXP SERIES GENERAL PURPOSE JACK



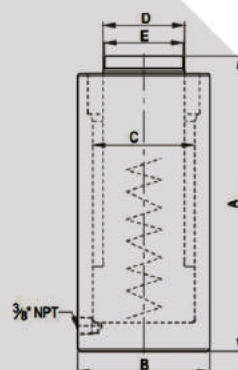
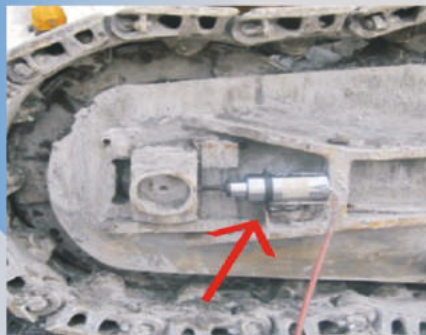
## FEATURES / APPLICATION

- Single Acting Spring Return Up to 500 Tons.
- Best used in Maintenance, fabrication, construction, Heavy industries, power & process plants, shipyards.
- Compatible with all reputed brands pumping units.
- Gland Nut designed to withstand dead end load
- Base mounting holes & collar threads are optional.
- Used in horizontal & vertical directions
- Refer to anatomy for all VANKOS-HYD jacks.

**CAPACITY 5 - 400 TON | STROKE 50 - 200 MM | MAX. WORKING PRESSURE 700 BAR**

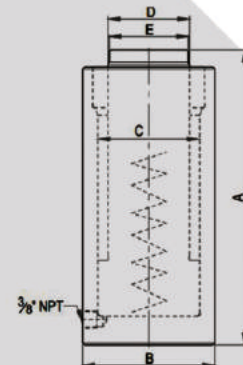
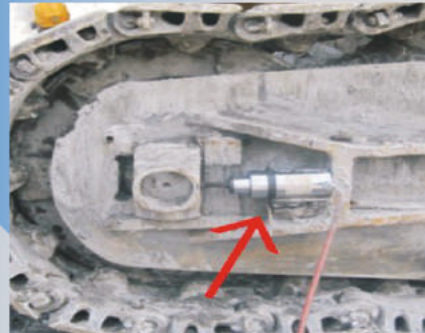
| Rated Capacity (Ton) | Stroke (mm) | Model         | Effective Area (cm <sup>2</sup> ) | Oil cap (cc) | A Closed Height (mm) | B Cylinder OD (mm) | C Bore Dia (mm) | D Ram Dia (mm) | E Saddle Dia (mm) | Wt (Approx.) (kg) |
|----------------------|-------------|---------------|-----------------------------------|--------------|----------------------|--------------------|-----------------|----------------|-------------------|-------------------|
| 5                    | 50          | RC-EXP-5/50   | 8.0                               | 40           | 135                  | 45                 | 32              | 25             | 25                | 1.5               |
| 5                    | 100         | RC-EXP-5/100  | 8.0                               | 80           | 185                  | 45                 | 32              | 25             | 25                | 1.9               |
| 5                    | 150         | RC-EXP-5/150  | 8.0                               | 121          | 235                  | 45                 | 32              | 25             | 25                | 2.4               |
| 10                   | 50          | RC-EXP-10/50  | 15.9                              | 80           | 135                  | 60                 | 45              | 35             | 35                | 2.5               |
| 10                   | 100         | RC-EXP-10/100 | 15.9                              | 159          | 185                  | 60                 | 45              | 35             | 35                | 3.2               |
| 10                   | 150         | RC-EXP-10/150 | 15.9                              | 239          | 235                  | 60                 | 45              | 35             | 35                | 4                 |
| 15                   | 50          | RC-EXP-15/50  | 23.8                              | 119          | 140                  | 70                 | 55              | 45             | 43                | 4.1               |
| 15                   | 100         | RC-EXP-15/100 | 23.8                              | 238          | 190                  | 70                 | 55              | 45             | 43                | 5.2               |
| 15                   | 150         | RC-EXP-15/150 | 23.8                              | 356          | 240                  | 70                 | 55              | 45             | 43                | 6.3               |
| 15                   | 200         | RC-EXP-15/200 | 23.8                              | 475          | 290                  | 70                 | 55              | 45             | 43                | 7.4               |
| 20                   | 50          | RC-EXP-20/50  | 31.2                              | 156          | 145                  | 80                 | 63              | 50             | 48                | 5.3               |
| 20                   | 100         | RC-EXP-20/100 | 31.2                              | 312          | 195                  | 80                 | 63              | 50             | 48                | 6.7               |
| 20                   | 150         | RC-EXP-20/150 | 31.2                              | 468          | 245                  | 80                 | 63              | 50             | 48                | 8.1               |
| 20                   | 200         | RC-EXP-20/200 | 31.2                              | 623          | 295                  | 80                 | 63              | 50             | 48                | 9.5               |
| 25                   | 50          | RC-EXP-25/50  | 38.5                              | 192          | 155                  | 90                 | 70              | 55             | 53                | 7.2               |
| 25                   | 100         | RC-EXP-25/100 | 38.5                              | 385          | 205                  | 90                 | 70              | 55             | 53                | 9.0               |
| 25                   | 150         | RC-EXP-25/150 | 38.5                              | 577          | 255                  | 90                 | 70              | 55             | 53                | 10.8              |

# EXP SERIES GENERAL PURPOSE JACK



| Rated Capacity (Ton) | Stroke (mm) | Model          | Effective Area (cm <sup>2</sup> ) | Oil cap (cc) | A Closed Height (mm) | B Cylinder OD (mm) | C Bore Dia (mm) | D Ram Dia (mm) | E Saddle Dia (mm) | Wt (Approx.) (kg) |
|----------------------|-------------|----------------|-----------------------------------|--------------|----------------------|--------------------|-----------------|----------------|-------------------|-------------------|
| 25                   | 200         | RC-EXP-25/200  | 38.5                              | 770          | 305                  | 90                 | 70              | 55             | 53                | 12.6              |
| 30                   | 50          | RC-EXP-30/50   | 44.2                              | 221          | 160                  | 100                | 75              | 60             | 58                | 9                 |
| 30                   | 100         | RC-EXP-30/100  | 44.2                              | 442          | 210                  | 100                | 75              | 60             | 58                | 11.3              |
| 30                   | 150         | RC-EXP-30/150  | 44.2                              | 442          | 260                  | 150                | 75              | 60             | 58                | 11.3              |
| 30                   | 200         | RC-EXP-30/200  | 44.2                              | 884          | 310                  | 100                | 75              | 60             | 58                | 15.8              |
| 50                   | 50          | RC-EXP-50/50   | 78.5                              | 393          | 175                  | 130                | 100             | 80             | 78                | 16.5              |
| 50                   | 100         | RC-EXP-50/100  | 78.5                              | 785          | 225                  | 130                | 100             | 80             | 78                | 20.5              |
| 50                   | 150         | RC-EXP-50/150  | 78.5                              | 1178         | 275                  | 130                | 100             | 80             | 78                | 24.5              |
| 50                   | 200         | RC-EXP-50/200  | 78.5                              | 1571         | 325                  | 130                | 100             | 80             | 78                | 28.5              |
| 75                   | 50          | RC-EXP-75/50   | 113.1                             | 565          | 180                  | 155                | 120             | 95             | 93                | 24                |
| 75                   | 100         | RC-EXP-75/100  | 113.1                             | 1131         | 230                  | 155                | 120             | 95             | 93                | 29.5              |
| 75                   | 150         | RC-EXP-75/150  | 113.1                             | 1696         | 280                  | 155                | 120             | 95             | 93                | 35                |
| 75                   | 200         | RC-EXP-75/200  | 113.1                             | 2262         | 330                  | 155                | 120             | 95             | 93                | 41                |
| 100                  | 50          | RC-EXP-100/50  | 153.9                             | 770          | 185                  | 180                | 140             | 110            | 108               | 33                |
| 100                  | 100         | RC-EXP-100/100 | 153.9                             | 1539         | 235                  | 180                | 140             | 110            | 108               | 40.5              |
| 100                  | 150         | RC-EXP-100/150 | 153.9                             | 2309         | 285                  | 180                | 140             | 110            | 108               | 48                |
| 100                  | 200         | RC-EXP-100/200 | 153.9                             | 3079         | 335                  | 180                | 140             | 110            | 108               | 55.5              |
| 150                  | 50          | RC-EXP-150/50  | 227.0                             | 1135         | 200                  | 220                | 170             | 140            | 138               | 54                |
| 150                  | 150         | RC-EXP-150/150 | 227.0                             | 3405         | 300                  | 220                | 170             | 140            | 138               | 77                |
| 200                  | 50          | RC-EXP-200/50  | 314.2                             | 1571         | 215                  | 255                | 200             | 160            | 158               | 76                |
| 200                  | 100         | RC-EXP-200/100 | 314.2                             | 3142         | 265                  | 255                | 200             | 160            | 158               | 91                |

# EXP SERIES GENERAL PURPOSE JACK



| Rated Capacity (Ton) | Stroke (mm) | Model          | Effective Area (cm <sup>2</sup> ) | Oil cap (cc) | A Closed Height (mm) | B Cylinder OD (mm) | C Bore Dia (mm) | D Ram Dia (mm) | E Saddle Dia (mm) | Wt (Approx.) (kg) |
|----------------------|-------------|----------------|-----------------------------------|--------------|----------------------|--------------------|-----------------|----------------|-------------------|-------------------|
| 200                  | 150         | RC-EXP-200/150 | 314.2                             | 4712         | 315                  | 255                | 200             | 160            | 158               | 106.5             |
| 250                  | 100         | RC-EXP-250/100 | 380.1                             | 3801         | 270                  | 280                | 220             | 180            | 177               | 114               |
| 250                  | 150         | RC-EXP-250/150 | 380.1                             | 5702         | 320                  | 280                | 220             | 180            | 177               | 133               |
| 250                  | 200         | RC-EXP-250/200 | 380.1                             | 7603         | 370                  | 280                | 220             | 180            | 177               | 152               |
| 300                  | 100         | RC-EXP-300/100 | 452.4                             | 4524         | 285                  | 310                | 240             | 200            | 196               | 149               |
| 300                  | 150         | RC-EXP-300/150 | 452.4                             | 6786         | 335                  | 310                | 240             | 200            | 196               | 173               |
| 300                  | 200         | RC-EXP-300/200 | 452.4                             | 9048         | 385                  | 310                | 240             | 200            | 196               | 197               |
| 400                  | 150         | RC-EXP-400/150 | 572.6                             | 8588         | 365                  | 350                | 270             | 220            | 216               | 239               |
| 400                  | 200         | RC-EXP-400/200 | 572.6                             | 11451        | 415                  | 350                | 270             | 220            | 216               | 269               |

## OPTIONAL FEATURES AVAILABLE ON REQUEST:

- Base mounting holes for fixturing
- Collar threads
- Tilt saddle
- Customized Lifting Stroke Upto 300mm



- Higher capacity and customized solutions on request.
- Specifications are subject to change due to continual improvement.
- Capacity and Stroke specified are maximum safe limits.
- Use at 80% of rating as safe practice.

### SELECT SUITABLE PUMPING UNITS AND ACCESSORIES



**Vankos & Company (Hyderabad)**

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