

BSP RANGE TECHNICAL DATA

BH TECHNICAL DATA

| DROPWEIGHT MASS | MAX. POTENTIAL ENERGY | BLOW RATE *** | BASIC HAMMER LENGTH | BASIC HAMMER WIDTH | HAMMER WEIGHT (W/O LEADER) | LEADER WEIGHT | HYDRAULIC SUPPLY REQ. | HYDRAULIC SUPPLY TO HAMMER |
|-----------------|-----------------------|---------------|---------------------|--------------------|----------------------------|---------------|-----------------------|----------------------------|
| Kg | Nm(J) | bpm | m | m | Kg | Kg | L/min @ Bar | Regulated by |
| 100 | 1200 | 120-150 | 1.5 | 0.35 | 500 | 250 | 20-40 @ 160 | Integrated Valve |

DX TECHNICAL DATA

| SPECIFICATIONS | RAM MASS | MAX. IMPACT ENERGY | BLOW RATE @ RATED ENERGY | OPERATING PRESSURE | HYDRAULIC OIL FLOW REQUIRED |
|----------------|----------|--------------------|--------------------------|--------------------|-----------------------------|
| MODEL | Kg | kNm | bpm | Bar | L/min |
| DX20 | 1500 | 20 | 60 | 160 | 130 |
| DX25 | 2000 | 25 | 60 | 160 | 150 |
| DX30 | 2500 | 30 | 60 | 180 | 170 |

SL TECHNICAL DATA

| PERFORMANCE DATA | RAM MASS | MAX. IMPACT BLOW ENERGY | RATE @ RATED ENERGY | OPERATING PRESSURE | HYDRAULIC FLOW REQUIRED | HAMMER LENGTH (WITH LEGS) | HAMMER WIDTH | HAMMER WEIGHT (WITH LEGS) |
|------------------|----------|-------------------------|---------------------|--------------------|-------------------------|---------------------------|--------------|---------------------------|
| MODEL | Kg | kNm | bpm | Bar | L/min | mm | mm | Kg |
| SL20DA | 1500 | 20 | 90 | 170 | 170 | 4970 | 824 | 4900 |
| SL30DA | 2500 | 30 | 84 | 240 | 175 | 5970 | 824 | 5950 |

LX TECHNICAL DATA

| SPECIFICATIONS | RAM MASS | IMPACT ENERGY | BLOW RATE | OPERATING PRESSURE | MAX OIL FLOW REQUIRED |
|----------------|----------|---------------|-----------|--------------------|-----------------------|
| MODEL | Kg | kNm | b/min | Bar | L/min |
| LX20 | 2500 | 20 | 55 | 120 | 150 |
| LX30 | 4000 | 30 | 50 | 200 | 160 |
| LX40 | 5000 | 40 | 45 | 220 | 165 |
| LX60 | 7000 | 55 | 40 | 240 | 160 |

CX TECHNICAL DATA

| SPECIFICATIONS | RAM MASS | MAX. IMPACT ENERGY | BLOW RATE @ RATED ENERGY | OPERATING PRESSURE | HYDRAULIC FLOW REQUIRED |
|----------------|----------|--------------------|--------------------------|--------------------|-------------------------|
| MODEL | Kg | kNm | bpm | Bar | L/min |
| CX50 | 4000 | 51 | 46 | 200 | 180 |
| CX60 | 5000 | 60 | 44 | 241 | 215 |
| CX85 | 7000 | 83 | 40 | 260 | 215 |
| CX110 | 9000 | 106 | 34 | 250 | 215 |
| CXL140 | 11000 | 140 | 30 | 250 | 280 |

CG TECHNICAL DATA

| SPECIFICATIONS | RAM MASS | MAX. IMPACT ENERGY | BLOW RATE @ RATED ENERGY | OPERATING PRESSURE | HYDRAULIC FLOW REQUIRED |
|----------------|----------|--------------------|--------------------------|--------------------|-------------------------|
| MODEL | Kg | kNm | bpm | Bar | L/min |
| CG180 | 12000 | 176 | 36 | 180 | 380 |
| CG210 | 14000 | 206 | 36 | 280 | 420 |
| CG240 | 16000 | 235 | 34 | 280 | 420 |
| CG300 | 20000 | 294 | 34 | 280 | 420 |

CGL TECHNICAL DATA

| SPECIFICATIONS | RAM MASS | MAX. IMPACT ENERGY | BLOW RATE @ RATED ENERGY | OPERATING PRESSURE | HYDRAULIC OIL FLOW REQUIRED |
|----------------|----------|--------------------|--------------------------|--------------------|-----------------------------|
| MODEL | Kg | kNm | bpm | Bar | L/min |
| CGL370 | 25000 | 370 | 32 | 260 | 700 |
| CGL440 | 30000 | 440 | 32 | 275 | 820 |
| CGL520 | 35000 | 520 | 32 | 290 | 940 |
| CGL590 | 40000 | 590 | 32 | 290 | 1200 |

HYDROPACK TECHNICAL DATA

| SPECIFICATIONS | ENGINE POWER | ENGINE SPEED | EMISSION LEVEL | MAX. OIL FLOW | MAX. OPERATING PRESSURE | BSP HAMMER |
|----------------|--------------|--------------|----------------|---------------|-------------------------|------------|
| MODEL | kW | rpm | EU Stage/EPA | bpm | Bar | Range |
| HYDROPACK 130 | 110*/129 | 1500*/1800 | T3 | 180*/215 | 300 | SL*/CX |
| HYDROPACK 150 | 151 | 2100 | T4 | 280 | 300 | SL/CX/CXL |
| HYDROPACK 250 | 261 | 1900 | T3 | 450 | 300 | CG |
| HYDROPACK 260 | 261 | 1900 | T4 | 450 | 300 | CG |
| HYDROPACK 570 | 571 | 1800 | T2 | 900 | 300 | CGL |
| HYDROPACK 800 | 806 | 1800 | T3 | 1200 | 300 | CGL |

JX TECHNICAL DATA

| PERFORMANCE DATA | HAMMER MODEL | BASIC WEIGHT* | WORKING HEIGHT | MAX PILING HEIGHT | BASIC EXCAVATOR | TRACK PADS | TRANSPORT LENGTH | TRANSPORT WIDTH |
|------------------|--------------|---------------|----------------|-------------------|-----------------|------------|------------------|-----------------|
| MODEL | | Kg | m | m | JCB | m | m | m |
| JX20-6 | DX20 | 20000 | 10.0 | 6.0 | JS160 | 600 | 10.0 | 2.8 |
| JX25-8 | DX25 | 25000 | 12.0 | 8.0 | JS200 | 700 | 12.6 | 2.8 |

RIC TECHNICAL DATA

| TYPICAL DIMENSIONS | DIMENSIONS WHEN IN ERECT WORKING MODE | | | DIMENSIONS WHEN IN SINGLE-PIECE TRANSPORT MODE | | | OPTIMUM BASIC EXCAVATOR SIZE |
|---------------------|---------------------------------------|--------------------|----------------|---|-----------------|--------------------|------------------------------|
| MODEL/Ram Mass (kg) | HEIGHT A (m) | RADIUS B (m) | FOOT DIA C (m) | LENGTH (m) | TRACK WIDTH (m) | APPROX. WEIGHT (T) | (T) |
| RIC 5000 | 6.9 | 4.5 | 1.0 | 11.9 | 3.0 | 40 | 32-35 |
| RIC 7000 | 7.5 | 5.0 | 1.3 | 12.9 | 3.5 | 58 | 35-42 |
| RIC 9000 | 8.0 | 5.0 | 1.5 | 13.4 | 3.5 | 60 | 40-48 |
| RIC 12000 | 8.1 | 5.2 | 1.6 | * | 4.0 | 88 | 60-75 |
| RIC 16000 | 8.8 | 6.0 | 2.0 | * | 4.4 | 100 | 75-92 |
| PERFORMANCE DATA | IMPACT ENERGY | OPERATING PRESSURE | HYDRAULIC FLOW | TYPICAL EXCAVATOR MODELS | | | |
| MODEL | kN.m | Bar | L/min | LIST IS NOT EXCLUSIVE, OTHER MODELS IN THE SAME WEIGHT CLASS HAVE BEEN USED AND ARE ALSO SUITABLE | | | |
| RIC 5000 | 60 | 220 | 180-200 | CAT329, Komatsu PC290 | | | |
| RIC 7000 | 83 | 240 | 220-250 | CAT330/336, Komatsu PC360, Kobelco SK330/350 | | | |
| RIC 9000 | 106 | 270 | 220-250 | CAT345/349, Komatsu PC490, Kobelco SK480/500, Hyundai R520 | | | |
| RIC 12000 | 180 | 250 | 280-420 | CAT365/374, Komatsu PC700 | | | |
| RIC 16000 | 240 | 280 | 380-420 | CAT385/390, Hyundai R800, Komatsu PC800 | | | |

RIC DRILL ATTACHMENT TECHNICAL DATA

| AUGER DIAMETER | DRILL DEPTH | MAX. TORQUE | MAX. SPEED | PULL DOWN | PLUMBING TO VERTICAL |
|----------------|----------------------------|-------------|------------|-----------|----------------------|
| mm | m | kNm | rpm | T | ° per side |
| 650 | 7 (8 overall auger length) | 150 | 20 | 10 | 3 |