

XCMG QAY 240 All Terrain Crane



| Classification | Item | Unit | QAY240 | |
|----------------|--------------------------|--------------|-------------|-----------|
| Dimension | Overall length | mm | 15918 | |
| | Overall width | mm | 3080 | |
| | Overall height | mm | 4000 | |
| Weight | Overall weight in travel | kg | 72000 | |
| | Axle load | Axle 1, 2 | kg | 12000 |
| | | Axle 3, 4 | kg | 12000 |
| | | Axle 5 | kg | 12000 |
| Power | Superstructure engine | Rated power | kw/(r/min) | 194/2100 |
| | | Rated torque | N.m/(r/min) | 1050/1400 |
| | | Rated speed | r/min | 2100 |
| | Carrier engine | Rated power | kw/(r/min) | 420/1800 |

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|--|------------------------------|-------------|-----------|
| | Rated torque | N.m/(r/min) | 2700/1080 |
| | Rated speed | r/min | 1800 |
| | Max. travel speed | km/h | 71 |
| | Min. turning diameter | m | 24 |
| | Min. ground clearance | mm | 280 |
| | Approach angle | ° | 25 |
| | Departure angle | ° | 18 |
| | Braking distance (at 30km/h) | m | ≤10 |
| | Max. grade ability | % | 48 |
| | Fuel consumption for 100km | l | 90 |

| Classification | Item | Unit | QAY240 | |
|---------------------------|--|--------------------------------|--------|----------------|
| Main performance | Max. rated total lifting capacity | t | 240 | |
| | Min. rated working radius | m | 3 | |
| | Turning radius at turntable tail (counterweight) | mm | 480 | |
| | Max. lifting torque | Base boom | kN.m | 7797 |
| | | Fully extended boom | kN.m | 2940 |
| | Outrigger span | Longitudinal/lateral | m | 9.625/8.7(6.5) |
| | Lifting height | Base boom | m | 12.6 |
| | | Fully extended boom | m | 65.6 |
| | | Fully extended boom + jib | m | 85.7 |
| | Boom length | Base boom | m | 13.2 |
| Fully extended boom | | m | 67 | |
| Fully extended boom + jib | | m | 87 | |
| Working speed | Boom luffing | Boom raising | m | 65 |
| | Boom extension/retraction | Full extension/full retraction | m | 650 |

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|--------------------------------------|------------------|------------|-------|-------|-----|
| | Max. swing speed | | | r/min | 1.6 |
| Outrigger telescoping time | Outrigger beam | Extension | S | 50 | |
| | | Retraction | S | 40 | |
| | Outrigger jack | Extension | S | 50 | |
| | | Retraction | S | 45 | |
| Lifting speed (single rope, layer 4) | Main winch | No load | m/min | 115 | |
| | Aux. winch | No load | m/min | 118 | |

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