

Years of design and technologies have been combined to manufacture the ultimate kiln machine.

The GOM-360K has a 360° rotating, telescopic boom that will rotate around the diameter of a kiln. This feature will allow the boom to position the hydraulic hammer around chain anchor clips, chains, and remove castable refractories without damaging the kiln shell.

KT-Grant has put safety for the operator as its main priority and has designed a removable enclosed cab to protect the operator from the possibility of loose coating and/or refractories hitting the operator.

The GOM-360K has a pendant control cable that will allow the operator maximum visibility and safety while operating the machine.

An optional plow blade shaped to the contour of the kiln's diameter is available and will level off the loose burden or refractories while traveling in the kiln. The unit can be equipped with either steel or rubber track pads.



## SPECIFICATIONS

### GENERAL

|                                    |                      |
|------------------------------------|----------------------|
| Machine length:                    | 16-4' (4977 mm)      |
| Machine width:                     | 4'-9" (1448 mm)      |
| Machine height:                    | 6'-10-3/8" (2093 mm) |
| Machine width with cab installed:  | 5'-9" (1753 mm)      |
| Machine height with cab installed: | 7'-1" (2159 mm)      |

Reach from center of rotation to end of hammer (with out tool bit): 19' (5791mm)

Reach below floor to hammer end @ 40° without bit: 9'-1" (2768mm)

Reach from front of track extended hammer @ 0°: 16'-2-3/4" (4769 mm)

Vertical reach end of hammer with boom up @ 30° extended: 16-3" (4953 mm)

|                           |                            |
|---------------------------|----------------------------|
| Boom Stroke:              | 6' (1829 mm)               |
| Boom angles:              | +30° -40°                  |
| Tool angles:              | +30° -90°                  |
| Swing continuous:         | 360°                       |
| Boom tilt non-continuous: | 360°                       |
| Weight:                   | 18,040 lbs. (8183 kg)      |
| Tracks:                   | Independent bi-directional |

### HYDRAULIC SYSTEM

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Pump NO #1:                       | Piston variable volume load sensing |
| Pump NO #2:                       | Vain hammer circuit.                |
| Pump NO #3:                       | Vain recirculation circuit.         |
| Operating pressure #1:            | 2000 PSI (137 BAR)                  |
| Operating pressure #2:            | 1150 PSI (78 BAR)                   |
| Operating pressure #3:            | 100 PSI (7 BAR)                     |
| Boom hoist cylinders two (2).     |                                     |
| Boom telescopic cylinder one (1). |                                     |
| Tool cylinder one (1).            |                                     |
| Reservoir capacity:               | 100 GAL (378 L)                     |
| Hydraulic fluid:                  | As per customer requirements.       |

### ENGINE

John Deere 4045D diesel Tier III, liquid cooled, four cylinder, 80 HP @ 2500 RPM (60 KW), Fuel capacity: 40 GAL (151L), Fuel consumption per hour full load: 4.5 GAL (17L) .

### HAMMER

|                    |                   |
|--------------------|-------------------|
| Model:             | GRH-125 Hydraulic |
| Tool bit diameter: | 3" (76.2 mm)      |

### CONTROLS

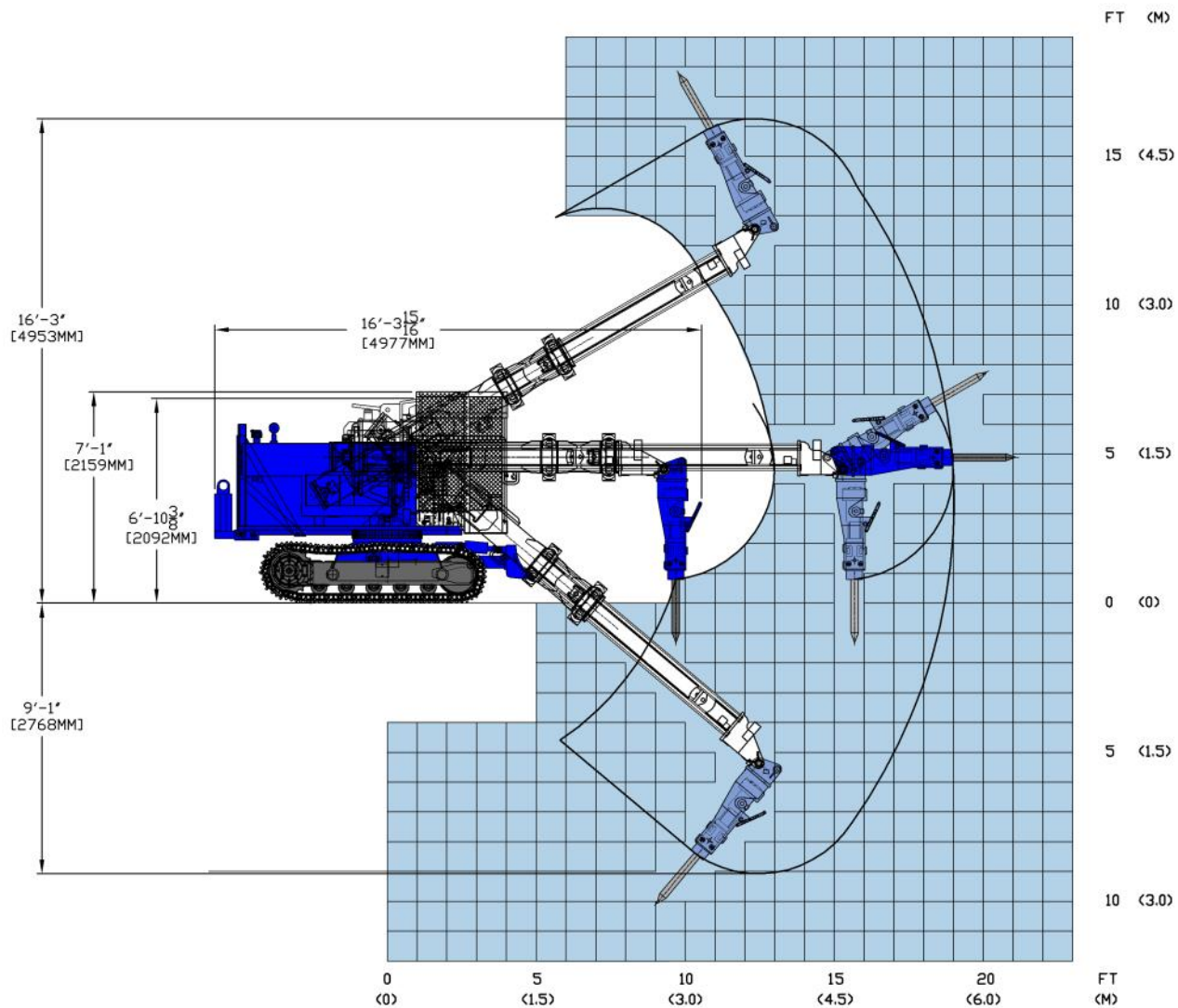
Wired on / off rocker switch pendant controls.

### OPTIONAL EQUIPMENT

Radio controls, proportional load sense controls, refractory spray head, pneumatic hammer, electric prime mover, operators cab, scrapper bit, reamer bit, spade bit, blast furnace trough grinder, buckets scoop, and extended inner boom up to 6 ft, pours plug pusher, plow blade.

# KT-GRANT

# GOM-360K WORKING RANGE



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