



## YBM SI-15 SII JET GROUT MACHINE

### ROTARY HEAD

<b>TYPE</b>	THROUGH HOLE SPRINDLE W/HYDRAULIC CHUCK
<b>DRIVE SYSTEM</b>	HYDRAULIC MOTOR DRIVEN, 2-SPEED GEAR
<b>SPINDLE INNER DIAMETER</b>	77mm (3")
<b>ROTATION SPEED (HIGH)</b>	0-50 RPM
<b>ROTATION SPEED (LOW)</b>	0-14 RPM
<b>ROTATION TORQUE (HIGH)</b>	0.8 kNm (590 ft/lbs)
<b>ROTATION TORQUE (LOW)</b>	2.9 kNm (2,140 ft/lbs)
<b>ROD CHUCK SYSTEM</b>	HYDRAULIC CHUCK AND HYDRAULIC PIPE CLAMP

### FEEDER

<b>DRIVE SYSTEM</b>	HYDRAULIC MOTOR DRIVEN AND CHAIN FEED
<b>FEED STROKE</b>	1,000mm
<b>FEED FORCE</b>	27.4 kN (6,160 lbf)
<b>BALANCE FORCE</b>	27.4 kN (6,160 lbf)

### HYDRAULIC MOTOR DRIVEN AND CHAIN FEED

<b>HYDRAULIC TANK</b>	120L (32 gal)
<b>OIL PUMP</b>	VARIABLE VOLUME PISTON PUMP
<b>DISCHARGE PRESSURE (FEED)</b>	10 MPa (1,450 psi)
<b>DISCHARGE PRESSURE (ROTATION)</b>	10 MPa (1,450 psi)
<b>POWER UNIT</b>	11 Kw – 4P, TOTALLY ENCLOSED FAN-COOLED MOTOR

### DIMENSION & WEIGHT

<b>DIMENSION (L*W*H)</b>	1,800mm x 1,100mm x 2,315mm
<b>GROSS WEIGHT</b>	1,650 kg (3,640 lbs)

### HOIST

<b>TYPE</b>	ELECTRIC WINCH (WITH FREE-DESCENT FUNCTION)
<b>CAPACITY</b>	1.47 kN (330 lbf)
<b>ROPE CAPACITY</b>	6.3m x 20m
<b>ACCESSORIES</b>	FAN COOLER (AIR-COOLING TYPE), WARNING DEVICE, TACHOMETER, FEEDER EXTENSION (OPTIONAL), YBM MONITORING SYSTEM (OPTIONAL)