

## DA555 FOR DIAMOND AND RC DRILL RODS

SCX DA555 rod loader reduces lifting of drill rods and is designed to enhance safety, productivity and reliability. Its design is based on the proven and reliable SCX DA554 rod loader.

DA555 loads reverse circulation and diamond drill rods remotely with the operator at a safe distance.

- Reduces manual lifting of heavy drill rods
- Reduces fatigue in rod-handling operations
- Coring applications
- RC applications

SCX recommends using only SCX quality manufactured parts. SCX does not guarantee the consistency or quality of other manufacturers. Image for illustration purpose only, please refer to the order specification for exact rig.



# SCX DA555 ROD LOADER FOR REVERSE CIRCULATION AND DIAMOND CORE DRILLING APPLICATIONS

## FEATURES

- Remote hands free rod loading system integrates with the SCX hands free breakout tool
- Safer rod loading operations
- No manual contact required for rod loading
- Operators removed from the rig
- Operators working at a safe distance remotely
- Reduces manual lifting of drill rods
- Simple to operate and easy to learn
- Reduces operator fatigue for rod loading functions
- Cup design uses gravity and clamping force to ensure excellent inherent safety
- Rod joint is torqued correctly to the rotation unit before the rod loader is removed limiting rod fall risk
- Single operator function
- Patented cup system secures rod and eliminates rod slippage
- Upper aligner lines rod up directly under spindle
- 210° rod collection arc around mast base
- Collects and return rods to rig's rod tray, rod truck or rod racks
- Operates within rig width maintaining small footprint
- Allows rod to be "parked" ready for addition to the drill string
- Easily adapted to SCX multipurpose drills - DE840 and DE880 (UDR1200, UDR1200HC)
- Motion alarm signals for 3 seconds each time the rod loader moves

## SERVICE AND SUPPORT

- The DA555 is available as a retrofit and can be fitted at an SCX approved OEM shop
- Supported by SCX global service network

## OPTIONS - JAWS

- Jaws and clamps - Diamond rod handling N size
- Jaws and clamps - Diamond rod handling H size
- Jaws and clamps - Diamond rod handling P size
- Jaws and clamps - RC rod handling 2.875 inch (2 7/8")
- Jaws and clamps - RC rod handling 3.500 inch
- Jaws and clamps - RC rod handling 4.000 inch
- Jaws and clamps - RC rod handling 4.500 inch
- SCX installation - OEM installation highly recommended
- Range of drive sub to suit diamond core and RC applications

## OPTIONS - SERVICE

- SCX installation - OEM installation highly recommended

## STANDARD FEATURES

| ROD HANDLING CAPACITY                  |   |  |
|--|---|--|
|  | Metric                                      | Imperial                               |
| Diamond core drill rod diameter        | N, H, and P sizes                           |  |
| Diamond core drill rod length          | 3 metre<br>6 metre                          | 10 foot<br>20 foot                     |
| Reverse circulation drill rod diameter | 73 mm<br>76 mm<br>89 mm<br>102 mm<br>114 mm | 2 7/8"<br>3"<br>3 1/2"<br>4"<br>4 1/2" |
| Reverse circulation drill rod length   | 6 meter                                     | 20 foot                                |
| Reverse circulation drill rod weight   | 200 kg                                      | 441 lbs                                |

## SPECIFICATION

|   | Metric  | Imperial    |
|---|---------|-------------|
| Cup jaw holding torque  | 3500 Nm | 2580 lbf ft |
| Rod weight capacity   | 200 kg  | 441 lbs     |
| Radio transmitter range   | 100 m   | 328 ft      |
| Weight  | 900 kg  | 1984 lbs    |
| Upper rod alignment - one upper rod aligner suits all rod sizes                             |         |             |
| Tram jaw interlock prevents tramming up when the tilt arm is more than 15° above horizontal |         |             |
| Motion alarm beeps for 3 seconds each time the rod loader moves                             |         |             |

## OPTIONS

| ACCESSORIES  |   |          |
|--|---|----------|
|  | Metric  | Imperial |
| Diamond rod loading jaws and clamps                                    | To suit sizes N, H and P  |          |
| Reverse circulation rod loading jaws and clamps                        | To suit sizes 2 7/8" 3" 3 1/2" 4" 4 1/2"  |          |
| SCX installation   | Includes specific rig modifications to the hydraulic circuit to assist cooling and increase life of the hydraulic system. |          |
| Range of drive subs available to suit diamond core and RC applications |   |          |

### SCX TOOLS AND CONSUMABLES

SCX has a complete range of down hole tools and consumables to support exploration rigs for start up and continued operation, SCX can offer competitive tooling packages with the sale of drill rigs.

### TOOLS AVAILABLE

- Underground core barrel systems
- Surface core barrel systems
- Core barrel and inner tube consumables - full range available
- Overshot core retrieval systems
- Drill bits, reamers, PCD bits, casing shoes etc. - full range available
- Diamond rods and casing all sizes available
- Drill muds and additives
- Wedging tools
- Casing cutters
- Water swivels and hoisting plugs - full range of adaptor subs available

### SCX AFTERMARKET

SCX has excellent aftermarket service and support with a global footprint in 130 countries around the world.

### AFTERMARKET AVAILABLE

- All spare parts are available through SCX global warehouses
- Spare parts packages can be supplied with new rigs
- SCX can tailor service contracts to suit customer requirements

SSCX Equipment is covered by SCX global standard Equipment Warranty. To the maximum extent permitted by law, if the DA555 rod handling system is installed on or fitted to any non-SCX equipment: SCX will not warrant the performance, interfacing, safety, operability, design or workmanship in respect of the DA555 rod handling system and all express or implied warranties in respect of the DA555 rod handling system will be void; and SCX will not be liable for any cost, loss or damage of any nature (direct, indirect, consequential, or other) whether arising in contract, tort or otherwise, which may arise as a result of the installation, interfacing, or use of (or inability to use) the DA555 rod handling system.

Please contact an **SCX** Representative for more information.

### SCX GEOLOGICAL CONSUMABLES

SCX has comprehensive range of over seven hundred geological products available for global distribution.

### GEOLOGICAL PRODUCTS AVAILABLE

- Metal core trays
- Plastic core trays
- Core tray racking systems
- Automatic core saws and blades
- Manual core saws and blades
- Core handling systems
- Pipe wipers
- Orientation down hole tools
- Si-foam A and B
- Marking consumables
- Flagging tape
- Survey stakes
- Magnification tools
- Geo picks and hammers
- Compass and clinometers
- Chip sample boxes
- Calico bags
- Plastic bags
- Press seal bags
- Wetstrength bags
- Certified test sieves
- Over 700 products total