

# SY215C Hydraulic Excavator



## KEY FEATURES

- Optimized cabin for excellent visibility and maximum operator comfort
- Three working modes allow easy set up for the job and application at hand
- Two circuits of auxiliary hydraulic lines down the arm provide ready-to-use hydraulic power
- SanyLIVE GPS system facilitates proactive response to the needs of the equipment
- First-class components guarantee reliable operation in every working environment
- Standard side frame rails to aid in protection of the machine
- Pattern control change valve to accommodate user preferences

### Rated Power

164 hp / 122 kW

### Dig Depth

21' 8" / 6600 mm

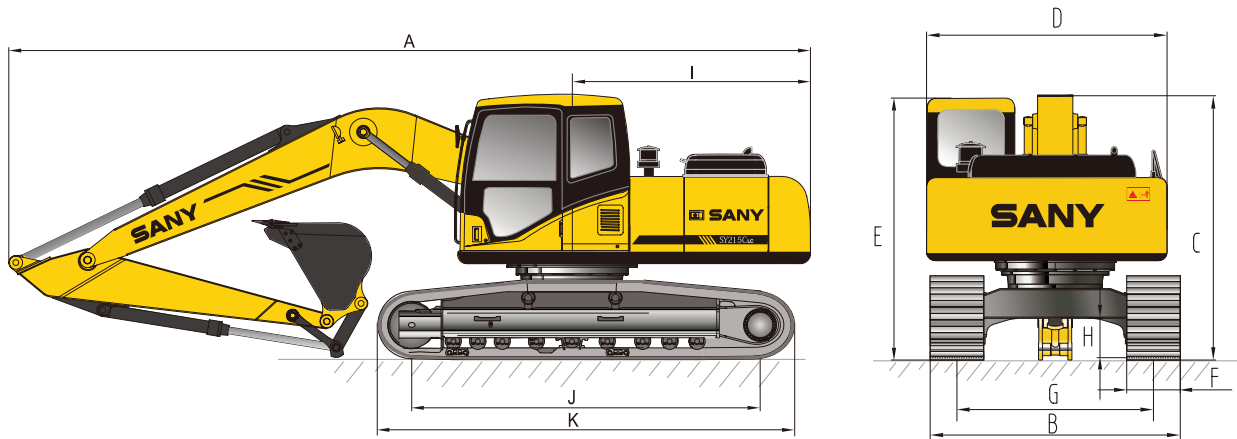
### Operating Weight

51,918 lb / 23,550 kg

### Bucket Breakout

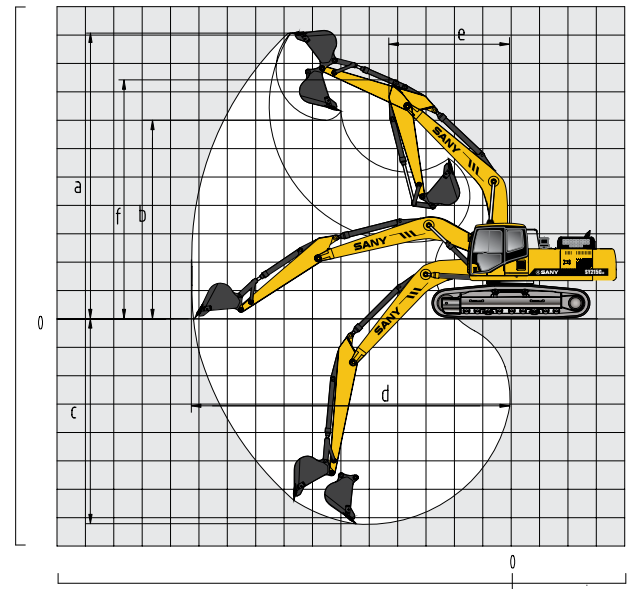
28,551 lbf / 127 kN

# SY215C Dimensions & Specifications



## OVERALL DIMENSIONS

|                                          | Standard | Metric  |
|------------------------------------------|----------|---------|
| A Transport Length                       | 31' 11"  | 9728 mm |
| B Transport Width                        | 10' 5"   | 3180 mm |
| C Transport Height                       | 11' 1"   | 3370 mm |
| D Upper Width                            | 8' 11"   | 2710 mm |
| E Cab Height                             | 10' 0"   | 3050 mm |
| F Track Shoe Width (standard)            | 2' 7"    | 800 mm  |
| G Track Gauge                            | 7' 10"   | 2380 mm |
| H Minimum Ground Clearance               | 1' 7"    | 480 mm  |
| I Tail Swing Radius                      | 9' 6"    | 2890 mm |
| J Length Center Idler to Center Sprocket | 11' 11"  | 3640 mm |
| K Track Length                           | 14' 7"   | 4450 mm |
| Boom Length                              | 18' 8"   | 5700 mm |
| Arm Length (standard)                    | 9' 7"    | 2925 mm |



## MACHINE PARAMETERS

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Operating Weight                    | 51,989 lb (23550 kg)            |
| Engine Type                         | Cummins QSB6.7 T4 final         |
| Engine Max Power (Gross)            | 168 hp (125 kW) @ 1900rpm       |
| Engine Max Torque                   | 540 lbf (732 Nm) @ 1500 rpm     |
| Engine Displacement                 | 408 in <sup>3</sup> (6.7 liter) |
| Main Pump Flow                      | 2x 59 gpm (222 lpm)             |
| Swing Speed                         | 10.9 rpm                        |
| Travel Speed                        | 1.9/3.3 mph (3.1/5.3 km/h)      |
| Tractive Effort                     | 40,466 lbf (180 kN)             |
| Max Arm Digging Force (ISO)         | 23,155 lbf (103 kN)             |
| Number of Upper Rollers             | 2                               |
| Number of Lower Rollers             | 9                               |
| Fuel Tank Capacity                  | 90 gal (340 liter)              |
| DEF Tank Capacity                   | 5 gal (19 liter)                |
| Hydraulic Tank Capacity             | 61 gal (230 liter)              |
| Cooling System Capacity             | 7.3 gal (27.6 liter)            |
| Engine Oil Capacity                 | 7.13 gal (27 liter)             |
| Ground Pressure (31.5"/800mm shoes) | 5.3 psi (36.3 kPa)              |

## WORKING RANGE

|                                          | Standard | Metric   |
|------------------------------------------|----------|----------|
| A Maximum Digging Height                 | 30' 1"   | 9180 mm  |
| B Maximum Dumping Height                 | 21' 10"  | 6670 mm  |
| C Maximum Digging Depth                  | 21' 8"   | 6600 mm  |
| D Maximum Vertical Wall Digging Depth    | 19' 7"   | 5980 mm  |
| E Maximum Digging Reach                  | 33' 10"  | 10307 mm |
| F Minimum Swing Radius                   | 12' 2"   | 3730 mm  |
| G Maximum Height at Minimum Swing Radius | 25' 2"   | 7680 mm  |

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