**Caterpillar 5110B Specs**

**boom, stick & bucket**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Boom Length | 299 in |
| Boom Type | ME |
| Bucket Capacity Range | 8.1 cu yd - 13.6 cu yd |
| Stick Length | 134 in |
| Stick Length | 161 in |
| Bucket Type | Rock/Spd. Edge/Teeth |
| Bucket Digging Force-Standard | 112600 lbs |
| Bucket Capacity - Heaped | 9.9 cu yd |
| Bucket Width | 102 in |
| Bucket Digging Force-Standard | 112600 lbs |
| Bucket Type | Rock/Spd. Edge/Teeth |
| Bucket Width | 89 in |
| Bucket Capacity - Heaped | 8.1 cu yd |
| Bucket Capacity - Heaped | 13.6 cu yd |
| Bucket Width | 123 in |
| Bucket Type | Coal/Str. Edge/Teeth |

**engine**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Displacement (cu. in) | 1649 |
| Net Horsepower | 689 hp |
| Engine | 3412E HEUI |
| Engine Manufacturer | Caterpillar |
| Cylinders | 12 |
| Rated RPM | 1800 |

**fluid capacities**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Fuel Tank Capacity | 450 gal |
| Hydraulic Tank Capacity | 235 gal |

**hydraulics**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Hydraulic Pumps - Type | 3 X Piston |
| Main Pump - Maximum Flow | 353 gal/min |
| Standard Relief Pressure | 4640 psi |

**performance**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Maximum Drawbar Pull | 190350 lbs |
| Stick Digging Force - Standard | 98800 lbs |
| Stick Digging Force - Standard | 91500 lbs |
| Travel Speed - High | 2.1 mph |

**undercarriage**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Ground Pressure | 21.4 psi |
| Ground Pressure | 16.8 psi |
| Ground Pressure | 15.2 psi |
| No. of Upper/Carrier Rollers | 3 |
| Track Gauge | 160 in |
| Track Shoe Width | 28 in |
| Track Length | 269 in |
| Track Length | 270 in |
| Track Shoe Width | 35 in |
| Track Shoe Width | 39 in |
| Track Length | 270 in |
| No. of Lower/Track Rollers | 9 |

**weights & dimensions**

|  |  |
| --- | --- |
| **Name** | **Value** |
| Length of Track on Ground | 213 in |
| Maximum Digging Depth | 311 in |
| Maximum Digging Depth | 339 in |
| Maximum Dumping Height | 339 in |
| Maximum Dumping Height | 346 in |
| Undercarriage Ground Clearance | 41.4 |
| Operating Weight | 127.4 mt |
| Overall Height | 189 in |
| Overall Length | 337 in |
| Overall Track Width--Retracted | 189 in |
| Overall Track Width--Retracted | 197 in |
| Overall Track Width--Retracted | 201 in |
| Overall Width | 213 in |
| Tail Swing Radius | 202 in |
| Maximum Reach at Ground Level | 531 in |
| Maximum Reach at Ground Level | 559 in |