



**WACKER  
NEUSON**  
*all it takes!*

# ET90

## Tracked Conventional Excavator

5 years /  
5,000 hours  
warranty

### The economic powerhouse

The fuel consumption of the ET90 is up to 20 percent lower than with comparable models – this reduces the operating costs significantly. At the same time, it produces outstanding results in applications with an excellent engine and hydraulic performance. This efficient combination provides for first-class digging power with up to 20 percent more bucket breakout force. Conversely, the economical load sensing hydraulic system allows for very precise lifting arm movements with full output at the same time. Whether power or precision, the ET90 is exactly the right 9-ton excavator for any application.

### Powerful drive system with LUDV



The powerful drive system combines with a load-sensing hydraulic system (LUDV) to deliver quick working cycles, greater application flexibility, and easier control for comfortable and fatigue-free operation of the excavator. No matter what the load to be moved, the control movements on the joystick stay the same. Along with increased operating comfort, this results in a performance plus, while simultaneously reducing fuel consumption.

### More cab comfort



The ergonomically optimised operator's cab ensures maximum operating comfort. In addition, an offset arm position, various windshield positions, a sunshade and a large skylight provide optimal visibility.



### 3-point kinematics

With 3-point kinematics, the conventional bucket linkage has been taken to a new level. This “3-bolt” design extends the bucket’s angle of rotation to 200 degrees - 10% more than conventional bucket linkage. This increases the vertical dig depth as well as the digging forces.

### Technical Information

|                                    | Units  | ET90                       |
|------------------------------------|--------|----------------------------|
| <b>Hydraulic</b>                   |        |                            |
| Operating pressure                 | bar    | 300                        |
| Flow rate                          | l/min  | 176                        |
| Flow rate max.                     | l/min  | 180                        |
| Tank capacity                      | l      | 92                         |
| Operating pressure slewing gear    | bar    | 240                        |
| Hydraulic pump                     |        | Variable displacement pump |
| <b>Mechanical - Output Details</b> |        |                            |
| Superstructure turning speed       | kg/m2s | 9                          |
| Travel speed                       | km/h   | 5                          |
| Break out force bucket             | kN     | 74                         |
| Break out force lift arm           | kN     | 46                         |
| <b>Mechanical Details</b>          |        |                            |
| Length                             | mm     | 7,139                      |
| Operating weight (min.-max.)       | kg     | 8,710 - 10,506             |
| Digging depth (max.)               | mm     | 4,679                      |
| Width                              | mm     | 2,250                      |
| Height                             | mm     | 2,562                      |



### Low noise emission

The quiet engine allows for easy communication on the job site and reduces stress for the operator.

|                               | Units  | ET90          |
|-------------------------------|--------|---------------|
| <b>Engine</b>                 |        |               |
| Cylinder                      |        | 4             |
| Cylinder capacity             | cm3    | 2,799         |
| Inclined position max.        |        | 30 λ          |
| Tank capacity                 | l      | 85            |
| Effective power               | KW     | 55.4          |
| Nominal engine speed          | kg/m2s | 2,300         |
| Operating power               | KW     | 55.4          |
| Operating Engine speed        | kg/m2s | 2,400         |
| Battery capacity (nom. value) | cos φ  | 88            |
| Motor type                    |        | Diesel engine |
| Fuel type                     |        | Diesel EN 59  |
| Manufacturer                  |        | Perkins       |
| Engine designation            |        | 904J - E28T   |
| <b>Environmental Data</b>     |        |               |
| Protection class              |        | Stage V       |
| <b>Chassis</b>                |        |               |
| Operating pressure            | bar    | 240           |
| <b>Shipping and Storage</b>   |        |               |
| Shipping weight               | kg     | 8,348         |

The images, equipment and data shown may differ from the range of products currently available in your country.  
Optional equipment may be shown under certain circumstances subject to a surcharge in the price. The right to make any changes is reserved.