

## Escorts Kubota Gensets Engines

### SETTING NEW PERFORMANCE STANDARD

- ◆ State-of-the-art ADI\* technology for unmatched power & diesel economy
- ◆ Plateau-honed wet liners for low lube oil consumption
- ◆ Designed for 100% continuous operation & longer service intervals
- ◆ Class A1 governing with 45 regulation that gives stable operations in fluctuating load conditions
- ◆ Efficient cooling mechanism and no frequent top-ups.

#### Escorts silent DG sets. The most advanced in the class smart operations

- ◆ Microprocessor based auto-start controller for AMF operation
- ◆ Remote start & stop facility
- ◆ In-built event log (optional)

#### Environment friendly

- ◆ Less noise with low vibrations
- ◆ Cleaner emissions
- ◆ Meets CPCB-IV+ norms

#### Safe-to-use

- ◆ In built safety features like HWT, LLOP, LFL, CHF & RWL
- ◆ Equipped with fire-retardant Foam

#### IoT enabled smart Genset

- ◆ Access to Genset status remotely
- ◆ Helps in re-setting of the alarms remotely.
- ◆ To manage shipment of fuel to maximize overall Genset performance



HWT: High Water Temperature, LLOP: Low Lubrication Oil Pressure, LFL: Low Fuel Level  
CHF: Charging Failure, RWL: Radiator Water Level + Advanced Direct Injection

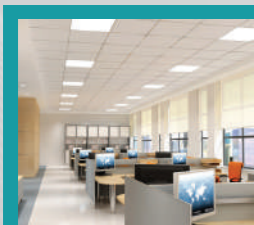
### BENEFITS TO CUSTOMERS

#### Big On Savings

- ◆ The most fuel efficient in its range
- ◆ Low operating cost
- ◆ Compact size to fit low space criteria in roof-to-application
- ◆ High reliability with low maintenance

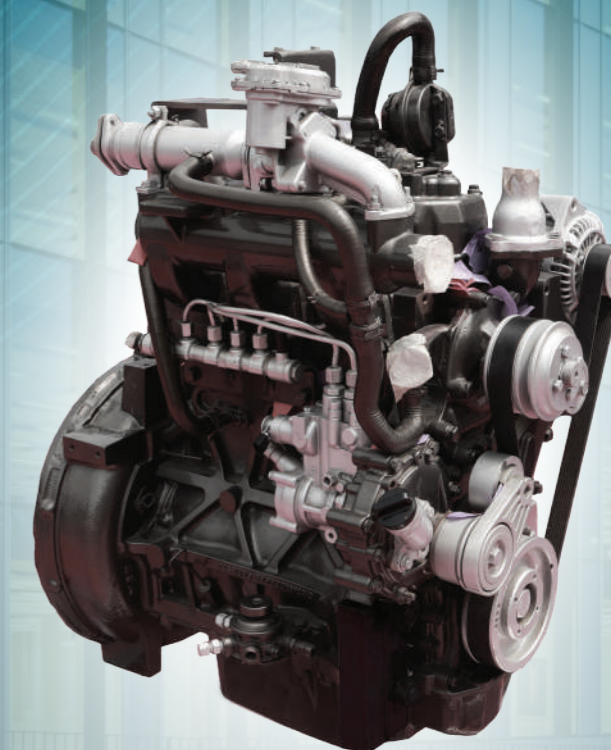
#### Excellence Service Support

- ◆ Peace of mind with 24x7 single window service
- ◆ Widest network of genset dealers
- ◆ Well-trained & equipped technicians at all dealer locations
- ◆ Multi-tier availability of spare parts & efficient supply chain management
- ◆ Advanced communication facilities to deliver prompt response
- ◆ Call monitoring system and robust escalation procedure to eliminate pending calls
- ◆ Option of AMC/CAMC
- ◆ Also available on lease or Hire



# UNINTERRUPTED POWER FOR NON STOP GROWTH

CPCB IV+



No After Treatment

With HLA Features

Optional 5 years warranty\*

Low Opex

\*Terms & Conditions Apply

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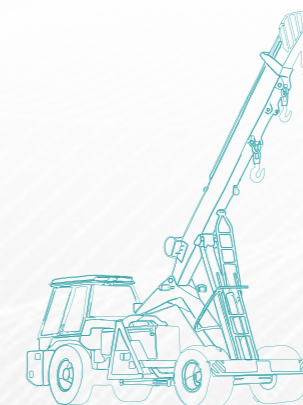
The Escorts Kubota group is one of the globally leading engineering conglomerates operating in the high growth sector of agri-machinery, construction, railway equipment, auto-component & power generation. At Escorts Kubota, it has always been our endeavour to develop customer freindly technology solution.

Our low maintainance, highly reliable & fuel-efficient Diesel Gensets are tailor-made for use in tele-com, nursing homes, educational institutions, residence, Showrooms, retail stores, SMEs, Petrol pumps, farm houses & other applications. They have been designed to provide uninterrupted power supply, so that your business can run 24x7.

Thus partnering in your growth.



ESCORTS KUBOTA LIMITED  
**AGRI MACHINERY**



ESCORTS KUBOTA LIMITED  
**CONSTRUCTIONS EQUIPMENT**



ESCORTS KUBOTA LIMITED  
**RAILWAYS EQUIPMENT DIVISION**

## TECHNICAL SPECIFICATION CPCB-IV+

| DG Set Model               | UNIT                             | EKL7.5-IV   | EKL10-IV                 | EKL15-IV                 | EKL20-IV(3)              | EKL20A-IV                | EKL25-IV           | EKL30-IV           | EKL35-IV           | EKL40-IV           | EKL45-IV           | EKL50-IV           | EKL62.5-IV         |
|----------------------------|----------------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Power Rating               | kVA/kWe                          | 7.5   | 10                       | 15                       | 15/20                    | 15/20                    | 25                 | 30                 | 35                 | 40                 | 45                 | 50                 | 60                 |
| Canopy Size                | LxWxH (mm)                       | 1700 X 900 X 1150                                   | 1700 X 900 X 1150        | 1700 X 900 X 1150        | 1950 X 1000 X 1300       | 1950 X 1000 X 1300       | 2250 X 1030 X 1470 | 2250 X 1030 X 1470 | 2250 X 1030 X 1470 | 2250 X 1030 X 1470 | 2250 X 1030 X 1470 | 2500 X 1050 X 1500 | 2500 X 1050 X 1500 |
| Battery                    | AH                               | 88  | 88                       | 88                       | 110                      | 88                       | 110                | 110                | 110                | 110                | 110                | 110                | 110                |
| Starting system            | 12V DC EL                        | 12 Volts DC   | 12 Volts DC              | 12 Volts DC              | 12 Volts DC              | 12 Volts DC              | 12 Volts DC        | 12 Volts DC        | 12 Volts DC        | 12 Volts DC        | 12 Volts DC        | 12 Volts DC        | 12 Volts DC        |
| Weight                     | Kg                               | 500   | 500                      | 540                      | 550                      | 570                      | 650                | 670                | 700                | 720                | 750                | 800                | 900                |
| Fuel tank capacity         | Ltrs                             | 100   | 100                      | 100                      | 120                      | 120                      | 130                | 130                | 130                | 130                | 130                | 130                | 130                |
| Engine Model               |                                  | G12-IV  | G12-IV                   | G15-IV                   | G20-IV                   | G20A-IV                  | G30-IV             | G30-IV             | G40-IV             | G40-IV             | G40-IV             | G62.5              | G62.5              |
| Engine Power               | BHP                              | 14.8  | 14.8                     | 19                       | 24.2                     | 24.2                     | 42                 | 42                 | 57.6               | 57.6               | 57.6               | 72.7               | 72.7               |
| Rated Speed                | RPM                              | 1500  | 1500                     | 1500                     | 1500                     | 1500                     | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               | 1500               |
| No. of Cylinders           |                                  | 2   | 2                        | 2                        | 3                        | 2                        | 3                  | 3                  | 3                  | 3                  | 3                  | 4                  | 4                  |
| Bore                       | mm                               | 95  | 95                       | 95                       | 95                       | 98                       | 98                 | 98                 | 98                 | 98                 | 98                 | 98                 | 98                 |
| Stroke                     | mm                               | 110   | 110                      | 110                      | 110                      | 122                      | 122                | 122                | 122                | 122                | 122                | 122                | 122                |
| Total Displacement         | cc                               | 1560  | 1560                     | 1560                     | 2340                     | 1840                     | 2760               | 2760               | 2760               | 2760               | 2760               | 3680               | 3680               |
| Lube Oil Sump Capacity     | Ltrs                             | 5.5   | 5.5                      | 5.5                      | 6.5                      | 5.5                      | 6.5                | 6.5                | 6.5                | 6.5                | 6.5                | 11                 | 11                 |
| Aspiration                 | Natural aspirated / Turbocharged | Natural aspirated                                   | Natural aspirated        | Natural aspirated        | Natural aspirated        | Natural aspirated        | Turbocharged       | Turbocharged       | Turbocharged       | Turbocharged       | Turbocharged       | Turbocharged       | Turbocharged       |
| Cooling system             |                                  | Water Cooled  | Water Cooled             | Water Cooled             | Water Cooled             | Water Cooled             | Water Cooled       | Water Cooled       | Water Cooled       | Water Cooled       | Water Cooled       | Water Cooled       | Water Cooled       |
| Flywheel Housing /Flywheel |                                  | SAE3/SAE10  |                          |                          |                          |                          |                    |                    |                    |                    |                    |                    |                    |
| Fuel System                | MICO Bosch - Inline Pump         | MICO Bosch - Inline Pump                            | MICO Bosch - Inline Pump | MICO Bosch - Inline Pump | MICO Bosch - Inline Pump | MICO Bosch - Inline Pump | MICO Bosch -CRS    | MICO Bosch -CRS    | MICO Bosch -CRS    | MICO Bosch -CRS    | MICO Bosch -CRS    | MICO Bosch -CRS    | MICO Bosch -CRS    |
| Emission Norms             |                                  | CPCB IV+ Compliant                                  |                          |                          |                          |                          |                    |                    |                    |                    |                    |                    |                    |
| Type/Make                  |                                  | Brushless,H class Insulation/Stamford or Equivalent |                          |                          |                          |                          |                    |                    |                    |                    |                    |                    |                    |
| Frequency                  | Hz                               | 50  |                          |                          |                          |                          |                    |                    |                    |                    |                    |                    |                    |
| Voltage                    | Volts                            | 230/415   |                          |                          |                          |                          |                    |                    |                    |                    |                    |                    |                    |

\*\*Due to continous product improvement, specifications are subject to change without prior notice