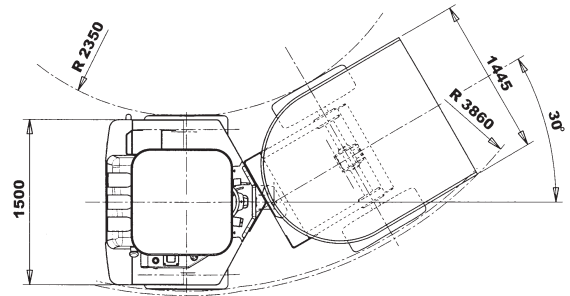
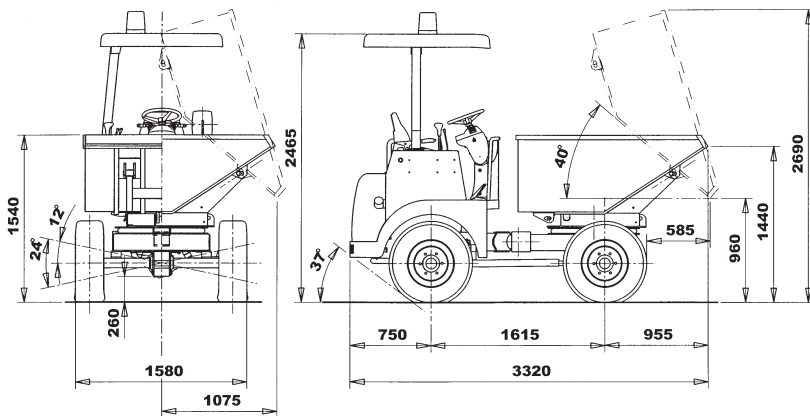


# D 25 RT

## Loading and transport systems



### DIESEL ENGINE

YANMAR 3TNV82, naturally aspirated  
Mechanical control  
Max. power 22,5 kW – (30,5 Hp)  
Adj. power 21,5 kW (29,5Hp) at 2800 rpm  
Max. torque 84,3 Nm at 1800 rpm  
Bore/stroke: 82/84 mm  
3 cylinders - total displacement 1331 cc  
Water cooling, dry air filter

### ELECTRIC SYSTEM

Alternator: 12 V – 40 A  
Battery: 12 V - 62 Ah (510 A)  
Road light and signalling system.

### 4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with double displacement pump and variable displacement hydraulic engine with electro-hydraulic control and reverse gear control on the steering wheel.

### SPEED

2 forward gears      2 reverse gear  
1st 0 - 9.0 Km/h    0 - 9.0 Km/h  
2nd 0 - 20.0 Km/h   0 - 20.0 Km/h  
Traction / weight ratio ..... 40%

### AXLES AND WHEELS

Load-bearing front axle with epicyclic reduction gear at the wheel hubs.  
Rear axle: load-bearing rear axle with epicyclic reduction gear at the wheel hubs and distributor assembled in a block on the differential box.  
Tyres ..... 10.0/75-15.3 10PR

### BRAKES

Oil-bath disc service brakes on the inside of the hubs, acting on the 4 wheels driven by an independent hydraulically-controlled pump.  
Parking and emergency disc brakes on the front axle with mechanical lever control.

### STEERING

Assisted steering by means of hydraulic steering acting on 2 half-frames. Control by means of a steering cylinder acting on the central articulation.

### CENTRAL OSCILLATION AND ARTICULATION

Centre line articulation type "heavy duty" with double pin in high tensile forged steel.  
60° articulation  
Maximum oscillation ..... ± 12°

### EQUIPMENT HYDRAULIC SYSTEM

Gear pump  
Max. flow rate: ..... 35 litres/min.  
Maximum pressure: ..... 150 bar  
2 - elements distributor.  
Aluminium heat exchanger for hydraulic oil cooling.  
Pressurised closed-circuit intake with oil filter replaceable from the outside.

### DUMP BODY

Dump body tilting by means of 1 double-acting jack. Orientation over 180° for trilateral unloading by means of two opposing jacks.  
Struck capacity ..... 1000 litres  
SAE heaped capacity ..... 1350 litres

### DRIVER'S SEAT

Canopy conform to the ROPS ISO 3471 and FOPS ISO 3449 standards. Anatomic seat with flexible suspension and height adjustment, seat belts.  
Driving and equipment controls with ergonomic arrangement.

### SERVICE REFILL CAPACITIES

Fuel tank, ..... 30 litres  
Total hydraulic system capacity: ..... 48 litres  
Engine oil: ..... 3,6 litres

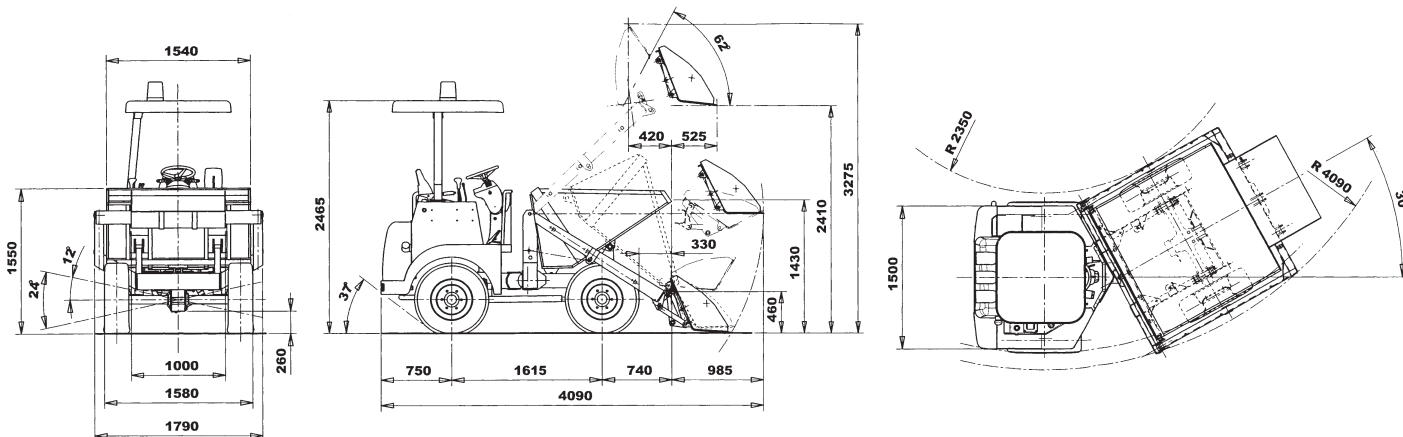
### WEIGHTS

Operating weight ..... 2000 kg  
Max gross weight: ..... 4500 kg  
load-carrying capacity: ..... 2500 kg

Valid as of 01/2012. All the data are purely indicative and may change without prior notice.

# D 25 AC

## Loading and transport systems



### DIESEL ENGINE

YANMAR 3TNV82, naturally aspirated  
 Mechanical control  
 Max. power 22,5 kW – (30,5 Hp)  
 Adj. power 21,5 kW (29,5Hp) at 2800 rpm  
 Max. torque 84,3 Nm at 1800 rpm  
 Bore/stroke: 82/84 mm  
 3 cylinders - total displacement 1331 cc  
 Water cooling, dry air filter

### ELECTRIC SYSTEM

Alternator: 12 V – 40 A  
 Battery: 12 V - 62 Ah (510 A)  
 Road light and signalling system.

### 4X4 FOUR-WHEEL DRIVE

Hydrostatic “automotive” transmission with double displacement pump and variable displacement hydraulic engine with electro-hydraulic control and reverse gear control on the steering wheel.

### SPEED

2 forward gears      2 reverse gear  
 1st 0 - 9.0 Km/h    0 - 9.0 Km/h  
 2nd 0 - 20.0 Km/h   0 - 20.0 Km/h  
 Traction / weight ratio ..... 40%

### AXLES AND WHEELS

Load-bearing front axle with epicyclic reduction gear at the wheel hubs.  
 Rear axle: load-bearing rear axle with epicyclic reduction gear at the wheel hubs and distributor assembled in a block on the differential box.  
 Tyres ..... 10.0/75-15.3 10PR

### BRAKES

Oil-bath disc service brakes on the inside of the hubs, acting on the 4 wheels driven by an independent hydraulically-controlled pump.  
 Parking and emergency disc brakes on the front axle with mechanical lever control.

### STEERING

Assisted steering by means of hydraulic steering acting on 2 half-frames. Control by means of a steering cylinder acting on the central articulation.

### CENTRAL OSCILLATION AND ARTICULATION

Centre line articulation type “heavy duty” with double pin in high tensile forged steel.  
 60° articulation  
 Maximum oscillation ..... ± 12°

### EQUIPMENT HYDRAULIC SYSTEM

Gear pump  
 Max. flow rate: ..... 35 litres/min.  
 Maximum pressure: ..... 150 bar  
 Three-element distributor with two-lever control and a gear lever.  
 Aluminium heat exchanger for hydraulic oil cooling.  
 Pressurised closed-circuit intake with oil filter replaceable from the outside.

### DUMP BODY

Dump body tilting by means of 1 double-acting jack.  
 Struck capacity ..... 1000 litres  
 SAE heaped capacity ..... 1450 litres

### LOADER

Loading arms with kinematic mechanism for loading and unloading, 2 lifting cylinders.  
 Volumetric capacity: ..... 0.20m<sup>3</sup>

### DRIVER'S SEAT

Canopy conform to the ROPS ISO 3471 and FOPS ISO 3449 standards. Anatomic seat with flexible suspension and height adjustment, seat belts.  
 Driving and equipment controls with ergonomic arrangement.

### SERVICE REFILL CAPACITIES

Fuel tank, ..... 30 litres  
 Total hydraulic system capacity: ..... 48 litres  
 Engine oil: ..... 3,6 litres

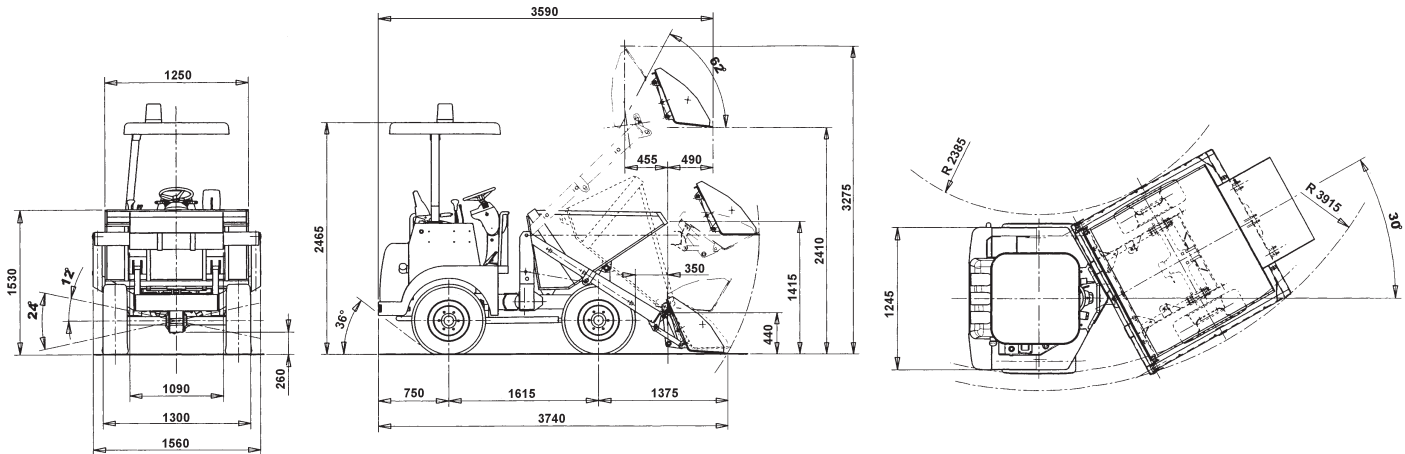
### WEIGHTS

Operating weight ..... 2250 kg  
 Max gross weight: ..... 4550 kg  
 load-carrying capacity: ..... 2300 kg

Valid as of 01/2012. All the data are purely indicative and may change without prior notice.

# D 25 AC SLIM

## Loading and transport systems



### DIESEL ENGINE

YANMAR 3TNV82, naturally aspirated  
 Mechanical control  
 Max. power 22,5 kW – (30,5 Hp)  
 Adj. power 21,5 kW (29,5Hp) at 2800 rpm  
 Max. torque 84,3 Nm at 1800 rpm  
 Bore/stroke: 82/84 mm  
 3 cylinders - total displacement 1331 cc  
 Water cooling, dry air filter

### ELECTRIC SYSTEM

Alternator: 12 V – 40 A  
 Battery: 12 V - 62 Ah (510 A)  
 Road light and signalling system.

### 4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with double displacement pump and variable displacement hydraulic engine with electro-hydraulic control and reverse gear control on the steering wheel.

### SPEED

2 forward gears	2 reverse gear
1st 0 - 9.0 Km/h	0 - 9.0 Km/h
2nd 0 - 20.0 Km/h	0 - 20.0 Km/h

Traction / weight ratio ..... 40%

### AXLES AND WHEELS

Load-bearing front axle with epicyclic reduction gear at the wheel hubs.  
 Rear axle: load-bearing rear axle with epicyclic reduction gear at the wheel hubs and distributor assembled in a block on the differential box.  
 Tyres ..... 10.0/75-15.3 10PR

### BRAKES

Oil-bath disc service brakes on the inside of the hubs, acting on the 4 wheels driven by an independent hydraulically-controlled pump.  
 Parking and emergency disc brakes on the front axle with mechanical lever control.

### STEERING

Assisted steering by means of hydraulic steering acting on 2 half-frames. Control by means of a steering cylinder acting on the central articulation.

### CENTRAL OSCILLATION AND ARTICULATION

Centre line articulation type "heavy duty" with double pin in high tensile forged steel.  
 60° articulation  
 Maximum oscillation ..... ± 12°

### EQUIPMENT HYDRAULIC SYSTEM

Gear pump  
 Max. flow rate: ..... 35 litres/min.  
 Maximum pressure: ..... 150 bar  
 Three-element distributor with two-lever control and a gear lever.  
 Aluminium heat exchanger for hydraulic oil cooling.  
 Pressurised closed-circuit intake with oil filter replaceable from the outside.

### DUMP BODY

Dump body tilting by means of 1 double-acting jack.  
 Struck capacity ..... 750 litres  
 SAE heaped capacity ..... 1050 litres

### LOADER

Loading arms with kinematic mechanism for loading and unloading, 2 lifting cylinders.  
 Volumetric capacity: ..... 0.20m<sup>3</sup>

### DRIVER'S SEAT

Canopy conform to the ROPS ISO 3471 and FOPS ISO 3449 standards. Anatomic seat with flexible suspension and height adjustment, seat belts.  
 Driving and equipment controls with ergonomic arrangement.

### SERVICE REFILL CAPACITIES

Fuel tank, ..... 30 litres  
 Total hydraulic system capacity: ..... 48 litres  
 Engine oil: ..... 3,6 litres

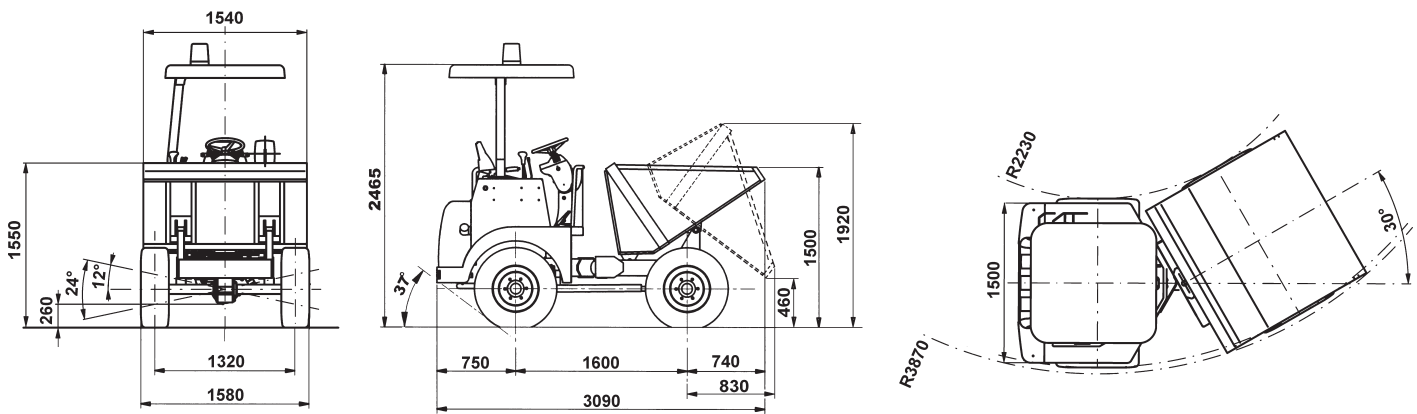
### WEIGHTS

Operating weight ..... 2150 kg  
 Max gross weight: ..... 4150 kg  
 load-carrying capacity: ..... 2000 kg

Valid as of 01/2012. All the data are purely indicative and may change without prior notice.

# D 25 RF

## Loading and transport systems



### DIESEL ENGINE

YANMAR 3TNV82, naturally aspirated  
Mechanical control  
Max. power 22,5 kW – (30,5 Hp)  
Adj. power 21,5 kW (29,5Hp) at 2800 rpm  
Max. torque 84,3 Nm at 1800 rpm  
Bore/stroke: 82/84 mm  
3 cylinders - total displacement 1331 cc  
Water cooling, dry air filter

### ELECTRIC SYSTEM

Alternator: 12 V – 40 A  
Battery: 12 V - 62 Ah (510 A)  
Road light and signalling system.

### 4X4 FOUR-WHEEL DRIVE

Hydrostatic “automotive” transmission with double displacement pump and variable displacement hydraulic engine with electro-hydraulic control and reverse gear control on the steering wheel.

### SPEED

2 forward gears            2 reverse gear  
1st 0 - 9.0 Km/h    0 - 9.0 Km/h  
2nd 0 - 20.0 Km/h    0 - 20.0 Km/h  
Traction / weight ratio ..... 40%

### AXLES AND WHEELS

Load-bearing front axle with epicyclic reduction gear at the wheel hubs.  
Rear axle: load-bearing rear axle with epicyclic reduction gear at the wheel hubs and distributor assembled in a block on the differential box.  
Tyres ..... 10.0/75-15.3 10PR

### BRAKES

Oil-bath disc service brakes on the inside of the hubs, acting on the 4 wheels driven by an independent hydraulically-controlled pump.  
Parking and emergency disc brakes on the front axle with mechanical lever control.

### STEERING

Assisted steering by means of hydraulic steering acting on 2 half-frames. Control by means of a steering cylinder acting on the central articulation.

### CENTRAL OSCILLATION AND ARTICULATION

Centre line articulation type “heavy duty” with double pin in high tensile forged steel.  
60° articulation  
Maximum oscillation ..... ± 12°

### EQUIPMENT HYDRAULIC SYSTEM

Gear pump  
Max. flow rate: ..... 35 litres/min.  
Maximum pressure: ..... 150 bar  
1-element distributor.  
Aluminium heat exchanger for hydraulic oil cooling.  
Pressurised closed-circuit intake with oil filter replaceable from the outside.

### DUMP BODY

Dump body tilting by means of 1 double-acting jack.  
Struck capacity ..... 750 litres  
SAE heaped capacity ..... 1050 litres

### DRIVER'S SEAT

Canopy conform to the ROPS ISO 3471 and FOPS ISO 3449 standards. Anatomic seat with flexible suspension and height adjustment, seat belts.  
Driving and equipment controls with ergonomic arrangement.

### SERVICE REFILL CAPACITIES

Fuel tank, ..... 30 litres  
Total hydraulic system capacity: ..... 48 litres  
Engine oil: ..... 3,6 litres

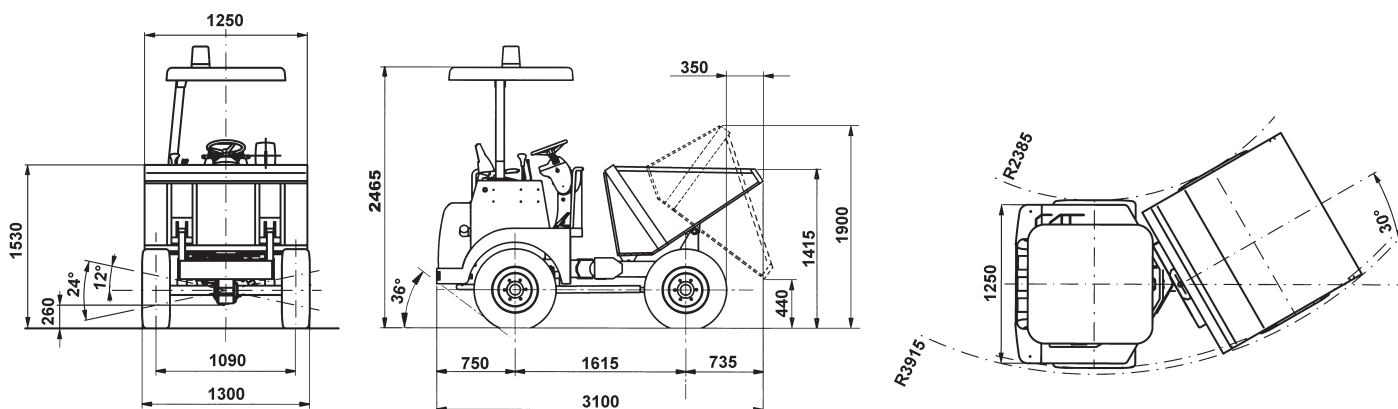
### WEIGHTS

Operating weight ..... 1950 kg  
Max gross weight: ..... 4500 kg  
load-carrying capacity: ..... 2550 kg

Valid as of 01/2012. All the data are purely indicative and may change without prior notice.

# D 25 RF SLIM

## Loading and transport systems



### DIESEL ENGINE

YANMAR 3TNV82, naturally aspirated  
Mechanical control  
Max. power 22,5 kW – (30,5 Hp)  
Adj. power 21,5 kW (29,5Hp) at 2800 rpm  
Max. torque 84,3 Nm at 1800 rpm  
Bore/stroke: 82/84 mm  
3 cylinders - total displacement 1331 cc  
Water cooling, dry air filter

### ELECTRIC SYSTEM

Alternator: 12 V – 40 A  
Battery: 12 V - 62 Ah (510 A)  
Road light and signalling system.

### 4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with double displacement pump and variable displacement hydraulic engine with electro-hydraulic control and reverse gear control on the steering wheel.

### SPEED

2 forward gears      2 reverse gear  
1st 0 - 9.0 Km/h    0 - 9.0 Km/h  
2nd 0 - 20.0 Km/h   0 - 20.0 Km/h  
Traction / weight ratio ..... 40%

### AXLES AND WHEELS

Load-bearing front axle with epicyclic reduction gear at the wheel hubs.  
Rear axle: load-bearing rear axle with epicyclic reduction gear at the wheel hubs and distributor assembled in a block on the differential box.  
Tyres ..... 10.0/75-15.3 10PR

### BRAKES

Oil-bath disc service brakes on the inside of the hubs, acting on the 4 wheels driven by an independent hydraulically-controlled pump.  
Parking and emergency disc brakes on the front axle with mechanical lever control.

### STEERING

Assisted steering by means of hydraulic steering acting on 2 half-frames. Control by means of a steering cylinder acting on the central articulation.

### CENTRAL OSCILLATION AND ARTICULATION

Centre line articulation type "heavy duty" with double pin in high tensile forged steel.  
60° articulation  
Maximum oscillation ..... ± 12°

### EQUIPMENT HYDRAULIC SYSTEM

Gear pump  
Max. flow rate: ..... 35 litres/min.  
Maximum pressure: ..... 150 bar  
1-element distributor.  
Aluminium heat exchanger for hydraulic oil cooling.  
Pressurised closed-circuit intake with oil filter replaceable from the outside.

### DUMP BODY

Dump body tilting by means of 1 double-acting jack.  
Struck capacity ..... 750 litres  
SAE heaped capacity ..... 1050 litres

### DRIVER'S SEAT

Canopy conform to the ROPS ISO 3471 and FOPS ISO 3449 standards. Anatomic seat with flexible suspension and height adjustment, seat belts.  
Driving and equipment controls with ergonomic arrangement.

### SERVICE REFILL CAPACITIES

Fuel tank, ..... 30 litres  
Total hydraulic system capacity: ..... 48 litres  
Engine oil: ..... 3,6 litres

### WEIGHTS

Operating weight ..... 1900 kg  
Max gross weight: ..... 4000 kg  
load-carrying capacity: ..... 2100 kg

Valid as of 01/2012. All the data are purely indicative and may change without prior notice.