

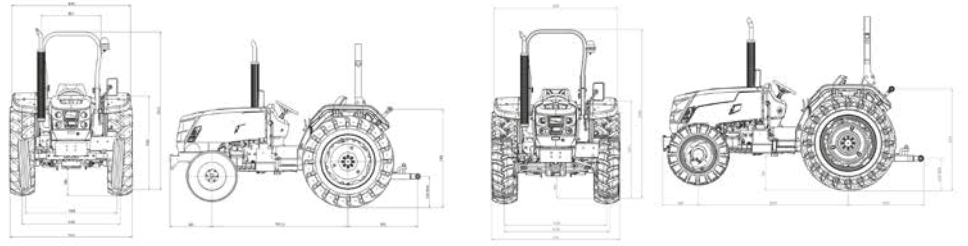
# 612e-614e

## Sonalika Tier 3A Engine



- Fuel savings with maximum power at low rpm
- 8 forward 8 reverse gears,
- 2.35 km - 36 km speed range
- Back and forth mechanical levers under the steering wheel,
- Rear fenders,
- Hydraulic wheel,
- Strong braking system,
- Precise measurement with digital display,
- Turbo intercooler





## 612e

### ENGINE

Emissions.....	Tier 3A
Model / Type.....	SNK/3100FLT
Number of cylinders - Cubic capacity [lt/qty].....	2,78/3
Bore x Stroke.....	100x118mm
Aspiration.....	Turbo-Intercooler
Air Filter.....	Dry Type with Pre- Internal Filter
Maximum Power [97/68/EC].....	42,3Kw [57,5Hp]@2100d/d
Maximum Torque.....	230Nm@1300d/d
Engine Oil Capacity.....	8 lt
Fuel Tank Capacity.....	55 lt

### TRANSMISSION AND SPEEDS

Gears Forwards/ Reverse.....	8+8
Speed.....	2,5-33,5km

### HYDRAULICS LIFTING

Functions.....	Draft, Position, Floating and Mixed
Pump Flow [lt/m] max.....	21,8
Lift Capacity [kg] max.....	2200
Type.....	Mekanik
Operating Pressure [bar]max.....	190

### OTHER

Service Brake.....	Mechanical, Oil-cooled
Parking Brake.....	4+4 Plate Disc Brakes
Rear Axle.....	Mechanical, Planetary Gear System, Mechanical Differential

### PTO SHAFT

Type.....	Independent / Synchronize
Speed.....	540 Rpm Synchronized PTO
Shaft Diameter.....	35mm - 6 Tooth

### DIMENSIONS

A-Length.....	3545 mm
B-Wheelbase.....	1947 mm
C-Front track width max.....	1309 mm
D-Rear track width max.....	1400 mm
E- Weight.....	1745 mm
F- Distance Between Ground with Front Axle.....	360 mm
G- Distance Between Ground with Drawbar.....	430 mm
K- Height Between Ground with Muffler.....	2290 mm
L- Distance Between Front Axle with Ballasts.....	600 mm
M-Folded ROPS Height.....	2380 mm
N-Distance from Lowerlink Ends to Rear Axle Axis.....	1000 mm

### STANDARD TYRE DIMENSIONS

Front/ Rear.....	6x16 - 13,6x28
Front/ Rear [Ops.].....	5,5x16 - 13,6x24
Front/ Rear [Ops.].....	6x16 - 380/70 R28

### STANDARD BALLASTS WEIGHTS

Front Ballast.....	4 x 20 kg
Rear Ballast [For each wheel].....	1 x 50 kg

### WEIGHT

Total Tractor Weight.....	2286 kg
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### OTHER

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Parking Brake.....	4+4 Plate Disc Brakes
Rear Axle.....	Mechanical, Planetary Gear System, Mechanical Differential

### PTO SHAFT

Type.....	Independent / Synchronize
Speed.....	540 Rpm Synchronized PTO
Shaft Diameter.....	35mm - 6 Tooth

### DIMENSIONS

A-Length.....	3587 mm
B-Wheelbase.....	2059 mm
C-Front track width max.....	1438 mm
D-Rear track width max.....	1400 mm
E- Weight.....	1745 mm
F- Distance Between Ground with Front Axle.....	420 mm
G- Distance Between Ground with Drawbar.....	425 mm
K- Height Between Ground with Muffler.....	2290 mm
L- Distance Between Front Axle with Ballasts.....	500 mm
M-Folded ROPS Height.....	2380 mm
N-Distance from Lowerlink Ends to Rear Axle Axis.....	1000 mm

### STANDARD TYRE DIMENSIONS

Front/ Rear.....	280/70 R18 - 13,6x28
Front/ Rear [Ops.].....	280/70 R18 - 380/85 R28
Front/ Rear [Ops.].....	280/70 R16 - 12,4x28

### STANDARD BALLASTS WEIGHTS

Front Ballast.....	6x20 kg
Rear Ballast [For each wheel].....	1x50 kg

### WEIGHT

Total Tractor Weight.....	2680 kg
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