



## HUSQVARNA 580BTS

Husqvarna 580BTS is the most powerful commercial back pack blower designed for demanding tasks. Large air flow and high air speed are provided by an efficient fan design together with the powerful X-Torq® engine. Commercial grade air filter gives long operating time and trouble free use. The harness has wide shoulder straps.



### Air Injection

Unique intake air cleaning for longer operating time.



### Comfort handle

Soft-grip handles for optimum comfort.

### X-Torq® engine

The X-Torq® engine design reduces harmful exhaust emissions by up to 75% and increases fuel efficiency by up to 20%.



### Easier cold starting

Starting a cold engine requires less effort thanks to the air purge.



## FEATURES

- X-Torq® engine cuts emission and fuel consumption
- Comfortable handles
- Air Injection, longer operating time.
- Air purge for easier cold starting
- 2-stage intake air filtration results in less down time
- Effective fan design provide high blowing capacity
- Offset handle makes the blow forces easier to control
- Comfortable, load-reducing harness
- Adjustable handle increased comfort
- Comfortable handle design
- LowVib® reduce vibrations
- Air speed cruise control

| Technical Specifications       |                         |
|--------------------------------|-------------------------|
| <b>CAPACITY</b>                |                         |
| Air flow in housing            | 29 m <sup>3</sup> /min  |
| Air flow in pipe               | 26 m <sup>3</sup> /min  |
| Air speed                      | 92.2 m/s                |
| Air speed (flat nozzle)        | 93 m/s                  |
| Air speed (round nozzle)       | 92 m/s                  |
| Blowing Force                  | 40 N                    |
| Clutch engagement upper limit  | 18000 rpm               |
| Clutch threshold for alert     | 99 %                    |
| Clutch threshold for warning   | 99 %                    |
| Idling speed                   | 2000 rpm                |
| Idling upper limit             | 3200 rpm                |
| Maximum power speed            | 7200 rpm                |
| Max engine/motor RPM           | 7200 rpm                |
| Power output                   | 3.3 kW                  |
| Racing speed lower limit       | 7700 rpm                |
| Racing threshold for alert     | 16 %                    |
| Racing threshold for warning   | 6 %                     |
| <b>CERTIFICATIONS</b>          |                         |
| Commercial Warranty            | 2 Years                 |
| Homeowner Warranty             | 2 Years                 |
| <b>DIMENSIONS</b>              |                         |
| Article gross weight           | 14000 g                 |
| Article net weight             | 11800 g                 |
| Tube length                    | 1197 mm                 |
| Weight                         | 11.8 kg                 |
| <b>ENGINE</b>                  |                         |
| Carburetor                     | Diaphragm               |
| Cylinder bore                  | 51.5 mm                 |
| Cylinder displacement          | 75.6 cm <sup>3</sup>    |
| Cylinder stroke                | 37 mm                   |
| Electrode gap                  | 0.65 mm                 |
| Fuel tank volume               | 2.6 l                   |
| Fuel consumption               | 440 g/kWh               |
| Idling speed                   | 2000 rpm                |
| Ignition module air gap        | 0.3 mm                  |
| Maximum power speed            | 7200 rpm                |
| Power output                   | 3.3 kW                  |
| Spark plug                     | NGK CMR7H               |
| <b>EQUIPMENT</b>               |                         |
| OEM Nozzle type                | Round                   |
| <b>LUBRICANTS</b>              |                         |
| Fuel consumption               | 440 g/kWh               |
| Fuel tank volume               | 2.6 l                   |
| Power source                   | Petrol                  |
| Power/fuel type                | Gasoline                |
| <b>MATERIALS</b>               |                         |
| Master pack: Paper + Cardboard | 0 g                     |
| Metal total                    | 0 g                     |
| Paper                          | 3500 g                  |
| Paper + Cardboard total        | 3500 g                  |
| PE total                       | 0 g                     |
| PET total                      | 0 g                     |
| Plastic foil                   | 0 g                     |
| Plastic rigid                  | 25 g                    |
| Plastic total                  | 25 g                    |
| PS/EPS/HIPS total              | 0 g                     |
| <b>PACKAGING</b>               |                         |
| Packaging height               | 405 mm                  |
| Packaging length               | 580 mm                  |
| Packaging volume               | 140.302 dm <sup>3</sup> |
| Packaging width                | 580 mm                  |
| Pallet layers                  | 2                       |
| Quantity in Master pack        | 1                       |

**Technical Specifications****EMISSION DATA**

|   |             |
|---|-------------|
| Exhaust emissions (CO average)              | 476.7 g/kWh |
| Exhaust emissions (CO average)              | 536 g/kWh   |
| Exhaust emissions (CO average)              | 679.3 g/kWh |
| Exhaust emissions (CO <sub>2</sub> EU V)    | 695 g/kWh   |
| Exhaust emissions (HC average)              | 71.8 g/kWh  |
| Exhaust emissions (NO <sub>x</sub> average) | 0.03 g/kWh  |

**EMISSION DATA EPA**

|                                |           |
|--------------------------------|-----------|
| Exhaust emissions (CO average) | 536 g/kWh |
|--------------------------------|-----------|

**EMISSION DATA EU**

|   |             |
|---|-------------|
| Exhaust emissions (CO average)              | 476.7 g/kWh |
| Exhaust emissions (CO average)              | 679.3 g/kWh |
| Exhaust emissions (HC average)              | 71.8 g/kWh  |
| Exhaust emissions (NO <sub>x</sub> average) | 0.03 g/kWh  |

**SOUND AND NOISE**

|                                       |           |
|---------------------------------------|-----------|
| Sound power level, guaranteed (LWA)   | 112 dB(A) |
| Sound power level, measured           | 111 dB(A) |
| Sound pressure (15m)                  | 77 dB(A)  |
| Sound pressure level at operators ear | 100 dB(A) |

**VIBRATION**

|   |                      |
|---|----------------------|
| Daily Vibration (Aeqv)                      | 1.6 m/s <sup>2</sup> |
| Daily Vibration Exposure (A8)               | 1 m/s <sup>2</sup>   |
| Daily Vibration Time (Time factor)          | 3 h                  |
| Equivalent vibration level (ahv, eq) handle | 1.6 m/s <sup>2</sup> |