

What is difference between Speedo 38 and all other Chop saw / Cutt-off

Most of the chop saw (cut off) grinders which are available and in use are of universal motor / belt driven.

Universal Motors	Induction Motor	Advantages
1.  Light duty	 Heavy duty	 Long life and heavy job cutting
2.  Armature Carbon Brush Carbon brush, Armature, Stator rotor and coil Winding	 Cooling Fan, Main Core, Aluminum winding ring, connected to other conductors (not visible), Rotor Induction Motor	 Very less maintenance
3.  For continues work getting hot and required break	 Designed and Mfd. For Continues cycle	 Working without break
4.  Complicated construction & No of Parts more	 Simple construction Less no of parts	 Standard and less parts, easy repairs Less break down
5.  Speed drop at load	 No Speed drop	 Fast Cutting & Time saving
6.  Wheel consumption more	 Wheel consumption less	 Reduced wheel cost and wheel replacement time
7. Motor efficiency 70-80 % consuming more electricity	Motor efficiency 90-95 % consuming less electricity	Less electricity bill
8. May be less initial cost	initial cost may be high	But it will give you complete payback in long term (its Induction motor)
9. Belt drive is one type of friction drive. slip and creep occur frequently.	Gear Drive	Gear drive is one type of engagement drive. velocity ratio remains constant.

MODELS AVAILABLE

Model	Speedo 3830 Chop saw	Speedo 3840	Speedo 3820-S (S.Ph.)
Motor - HP/KW/Volt/Hz	3.0 Hp / 2.25 Kw 3Ph/415/50	4.0 Hp / 3.0 Kw / 3Ph/415/50	2.0 Hp / 1.5 Kw/S.Ph./230/50
Wheel Size	355 X25.4 X2.8/3.0	355 X25.4 X2.8/3.0	355 X25.4 X2.8/3.0
Capacity Pipe	115X115	115X115	80X80
Solid	30X30	40X40	20X20
Speed	3800 Rpm	3800 Rpm	3800 Rpm
Dimension	365 W X450 L X 450 H mm	365 W X450 L X 450 H mm	365 W X450 L X 450 H mm
Weight	32.00 Kg	33.00 Kg	32.00 Kg

Extra Options:

: You can select from following

1) Standard model with rotary on-off Switch

3) can be available with DOL Starters

2) Can be available with On-Of NO-NC contactor

4) Accessories for use as flexible shaft Grinder buffing Etc.