

# SPEEDCRAFTS

## PAVER FINISHER



### SPECIFICATIONS

<b>Model</b>	<b>SPF-45</b>
Power Unit	40-45 BHP
Hopper capacity	7000 Kg.
Conveyor	Twin bar type
Dia. of screw spreader (Auger)	254 mm.
Tamper-blows per min.	1000 to 1500
Vibration	3000 vpm (infinitely variable-hydraulic)
Working speeds	2.0 to 23 mtr. / min.
Travel speed (max.)	16 Km. / hr.
No. of speeds	8 forward and 8 reverse
Mat thickness capacity	10 to 205 mm.
Mat width capacity	2.5 to 4.0 mtr.
Extension width (min.)	75 mm.
Rear wheel & tyres	10.00 - 20 x 12 PR.
Front solid tyres	560 mm x 405 mm x 150 mm
Permissible variation	± 5%

## DETAILED DESCRIPTION

### POWER UNIT

Kirloskar/ Simpson equivalent water cooled/ air cooled diesel engine of adequate horse-power provided with 12 volts electrical starting system.

### TRANSMISSION

Through a multiple clutch and a 4-Speed Gearbox to an auxiliary low, high & reverse Gearbox & differential unit provided with differential locking facility. Final drive from the differential to the wheels is through roller chain and sprocket mechanism. Hydraulic Traction option also available.

### HOPPERS

Hoppers have low dump clearance to handle all type of trucks. The wings are raised or lowered hydraulically to give a smaller overall width for transportation and for self-cleaning action during feeding of the asphaltic concrete onto the conveyor.

### CONVEYOR

Twin bar conveyors are provided to feed the material from hopper on to the screws (augers). The conveyors can be independently controlled.

### SPREADING SCREWS (AUGERS)

The asphaltic concrete flows from the main hopper into another hopper containing the augers. These augers are adjustable to cover the full width of the paved surface and each side has independent control.

### OPTIONAL TAMPER

Initial compaction of the material is effected through the optional tamper. The tamper is actuated by means of eccentric journals mounted on sturdy roller bearings.

### SCREED

A heated, fully floating, hydraulically operated and vibrating screed is provided, covering the full length of the paved width. It ensures a predetermined thickness of the asphaltic concrete layer by striking off the excess material. The screed is adjustable for height and camber.

### CONTROLS

All controls are provided within easy reach of the operator from a comfortable driving seat.

### GENERAL

The material specifications of all parts is as per ISI recommendations viz. abrasion-resistant steels for hopper, conveyor, auger screws, tamper, screed etc., all gears and sprockets are of requisite quality of steel and properly heat-treated. Easy accessibility to all parts for maintenance, inspection and overhaul has been given utmost importance in design.

### STANDARD EQUIPMENT

Oil pressure meter, water temperature meter, ampere meter, 12 volt horn, full extensions for screws, screed and tamper, hour meter, edger plates, guides, cut-off shoes, bevel edges, screed heater, spray down equipment, comprehensive tool kit, operator hand book, semi rotary fuel pump for filling fuel tank from barrels and working / traveling lights.

The logo for Speedcrafts, featuring the word "SPEEDCRAFTS" in a bold, black, sans-serif font. The letters are slightly shadowed and appear to be floating above a thin, yellow horizontal line.

### SPEEDCRAFTS LIMITED

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