

Hōsu

Irrigation System

The Smart Choice of Irrigation System

- **Better Quality Crops**
- **Labour Saving**
- **Water Saving**
- **Energy Saving**
- **Cost Saving**



Shower System



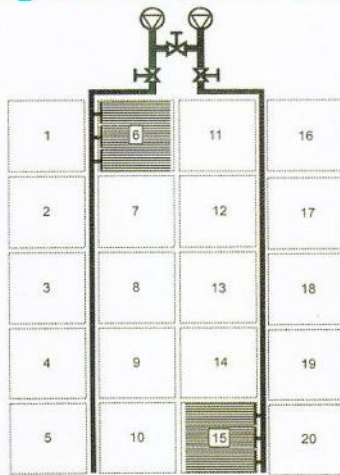
Tube System

Distributed by :

RUSH
TRADING

ALAMAT KANTOR :
PT. RATU UNGGUL SAHABAT
Jl. Danau Damplas Blok E 1 No. 65 A Bendungan Hilir
Jakarta Pusat - 10210

Layout of Rush Irrigation System



PUMP

- ◆ Type 100 x 65 - 250
- ◆ Capacity : 25 lt/second = 1.5m³/minute
On 50 m Total Head
- ◆ Speed : 2200 rpm

ENGINE

- ◆ Maximum Power : 30 Hp
- ◆ Continues Power : 26 Hp

TUBE

- ◆ 30 rolls/ha
- ◆ Plot Size : 1 Plot = 1 Ha

IRRIGATION TIME



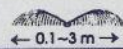
- ◆ Irrigate 2 Hectares (2 Plots)
Need it 30 Minutes with 2 Engine Power
- ◆ Irrigate 10 Hectares (10 Plots)
Need it 5 Hours with 1 Engine Power

Note : For Flat Area



1. Ensures even and accurate water distribution, uniform water supply seedling and plants owing to good uniformity of water distribution.
2. Irrigated fine droplets and soft spray to plants, fine droplets ensures following advantage:
 - a. Minimum soil splash onto valuable crops
 - b. Less harm to plants
 - c. No danger of injuring crops
 - d. Good water penetration into soil
 - e. Less waste of water because plants consume water effectively due to slow soaking of irrigated water into soil
3. Can be use at lower pressure
4. No brittle parts which may be susceptible
5. Extremely easy and light for handling and installation
6. Easy to clean
7. Save cost
8. Good durability and survive long term outdoor exposure

SPECIFICATIONS

Model	Flat width (mm)	No of perforation line	Pressure (kgf/cm ²)	Water feed rate (l/min-m)	Spraying width (m)
Hōsu	50	4	0.5~1.2	0.5~1.5	 ← max 8 m →
Hōsu	50	4	0.5~0.8	0.3~1.0	 ← max 5 m →
Hōsu	50	2	0.2~0.5	0.2~0.6	 ← 0.1~3 m →

Material : SPECIAL GRADE POLYETHYLENE WITH UV STABILIZER.

Standard tube Length per roll : 50m and 100m (Off length is available on request)

Packing : 100m x 5 rolls/case. 50m x 10 rolls/case.

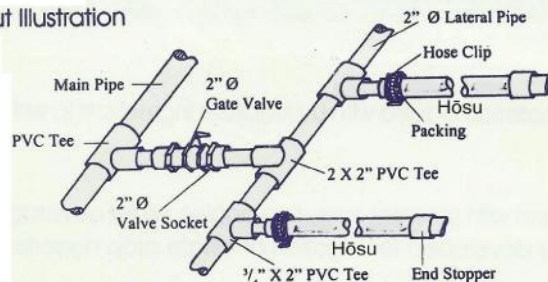
All specifications are subject to change without prior notice

NOTE:

OTHER SPECIFICATION WITH VARYING HOLE SIZE, HOLE INTERVAL. SPRAYING PATTERN ARE ALSO AVAILABLE ON REQUEST.

Installation

Layout Illustration



Main Pipe Size: > 2"Ø
maximum rolls per plot
with 2"Ø lateral pipe: 12

END-STOPPERS

1. Cut 1" Ø pvc pipe about 2" length
2. Fold Hōsu tube end and insert into cut pvc pipe as illustrated.



FILTER AND CLEANING

1. To prevent blockage, install wire mesh filter at the water pump suction inlet.
2. In case of holes blockage, open the end stopper of the tube and flush out any debris or sediments with running water.
3. Also can insert a piece of sponge (1 1/2" Ø) through the inlet and run water through the tube with other end left open to brush and clean the tube.
4. To prevent the tube blow by wind in the field, use wire bended in U-shape for fixing the tubes.

OPTIONAL ITEMS

Simple "RAISED STRUCTURE" to overcome obstruction of leaves, fronds during watering as plants grow is available as optional items.



Hōsu
ホース

**100 M
Black**
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RATU UNGGUL SAHABAT

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