

MOBILE-ULTRALIGHT DRAINAGE PUMP & SYSTEM

Implementer: Kubota Corporation



Drainage Pump Vehicle

- ✓ Quick Deployment for Emergency Flood Response
- ✓ Drain Water Where Conventional Equipment Cannot Reach
- ✓ Supporting Safer and More Resilient Cities.



Mobile-Ultralight Pump

- ✓ Capacity: 7.5 (or 5.0) m³/min x10m
- ✓ Low suction: 8 cm
- ✓ Series operation by 2 pumps
- ✓ Ultralight weight: 39kg

Lineup of Drainage system



Drainage Pump Package



Drainage Pump Unit (Mini)

Outline of technology

Water disasters (flood, storm, hurricane, etc)....
are closed to our daily life.

Mobile-Ultralight Drainage Pump & System,
which allows for quick installation and high-capacity
drainage, contributes to rapid recovery from flooding.



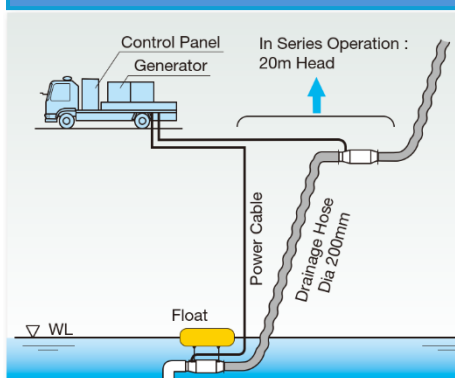
Features of the technology

Mobile Ultralight



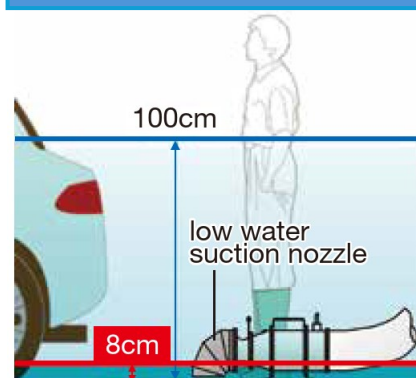
Only less than 39kg
Portable by Two
Operators

Series Operation



Up to 20m Head
Through Series
Connection

Ultra Low Suction



Drains Water Down to
8 cm Ideal for Urban
Flooding

Specifications

Type	Capacity (m3/min)	Nos of Pumps	Series Operation
Vehicle	20 - 60	4 - 12	Possible
Package	10	2	Possible
Unit (Mini)	5	1	Possible (By using 2 sets)



Overview of the demonstration

Project Name	Demonstration Project for Flood Control Measures Utilizing Drainage Pump Vehicle
Period	October 2019 - March 2020
Target City	Yangon, Republic of the Union of Myanmar
Demonstration Site	Yangon city and Kandawgyi Lake



WOW TO JAPAN Project

(Wonder Of Wastewater Technology Of JAPAN Project)

Kubota Corporation conducted a demonstration from 2019 to 2020 as part of the Ministry of Land, Infrastructure, Transport and Tourism's "WOW TO JAPAN Project (Wonder of Wastewater Technology of JAPAN Project)."