



# A safer world in clean hands

The Jengu portable sink provides an easy and cost-effective way to encourage regular handwashing, to make premises and communities safer.

Original design by:

**ARUP**



LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



Developed and  
manufactured by:

**aldermans**  
Engineered Metalwork Solutions



## A critical moment for action

Handwashing with soap is one of the principal actions we can all take to protect the health of ourselves and our communities.

It is particularly vital in combatting the spread of the novel coronavirus (COVID-19).

However, communities around the world also suffer the devastating effects of many other diseases, most notably gastrointestinal illness.

Yet in many parts of the world people don't have access to basic handwashing facilities at home or in public places. Often, this is because handwashing facilities are not easy to deploy, appealing to use, nor sufficiently durable.

---

Diarrhoea kills more than **1.5 million** people every year

---

---

It is the cause of **1 in 9** child deaths



## Jengu: the robust, lightweight, portable handwashing unit.

Jengu was developed as an open-source design by leading engineers, humanitarians and behavioural psychologists. The unit requires no plumbing, so it can be moved and placed at the point of need; and its engaging features make handwashing a pleasant experience.

**Alderman Tooling is proud to have been the product development partner for Jengu.** We produced the metal parts for the original prototype units and the first production run, and have worked closely with the Arup engineers to optimise the design for manufacture.



## Handwashing for everyone, everywhere

With the COVID-19 pandemic, regular handwashing is paramount for everyone – not just in humanitarian settings.

As businesses, schools, events and venues in the UK begin to return to normal, everyone needs to work together to stay safe and prevent infection.

It is vital that organisations and community leaders show a duty of care, and provide a safe environment for community members, service users and staff.

Extra hand washing facilities are a visible reminder to everyone of the importance of good hygiene.

Aldermans has developed the Jengu Hygiene unit specifically for wider use in the UK.

Jengu can be placed indoors or outdoors, wherever people need to wash their hands.

- ◆ **Schools and colleges.** With Jengu, students can wash their hands near their classrooms, without leaving their designated areas or bubbles.
- ◆ **Campsites.** Campsite owners can place Jengu units close to pitches, to ensure guests have safe, clean hand washing facilities close by.
- ◆ **Outdoor venues and attractions.** Attractions can place Jengu units strategically throughout their site, to enhance existing facilities and encourage regular hand washing.

**Easy and fun to use, robust yet lightweight and portable - Jengu Hygiene is ideal for all these locations, and more.**

## JENGU HUMANITARIAN Key Features

**Mirror:** Large and robust, won't flake or crack. Increases face and eye hygiene and makes people want to spend more time at washing their hands.

**Tap:** Shaped for handwashing, and to deter other uses.

Pump dispenser for liquid soap.

**Basin:** Plastic or stainless steel.

Water and waste containers, plus pipes.

**Bar soap (option):**  
Can be drilled and secured with a wire cable.

Strong, durable, stainless steel riveted assembly.

Disc feet give stability on any surface and prevent sinking into soft ground.

Foot pump reduces the likelihood of hand re-contamination. Soft rubber – can be used with or without shoes, and by all ages.

**Security fixing:** Holes in the legs enable the units to be anchored to the ground or connected together.

### Additional product options (charges apply):

- 2 x 20 litre Jerry Cans for fresh and waste water
- Connector rods, to link a series of units 2m apart.
- Reduced height version available with elbow pump for those with restricted mobility.



## JENGU HYGIENE Key Features

**Mirror:** Slim yet robust, this encourages people to spend time handwashing, and makes using the sink enjoyable.

**Basin:** Robust, fixed plastic basin with drainage hole.

**Security fixing:** Holes in the legs enable the units to be anchored to the ground or connected together.

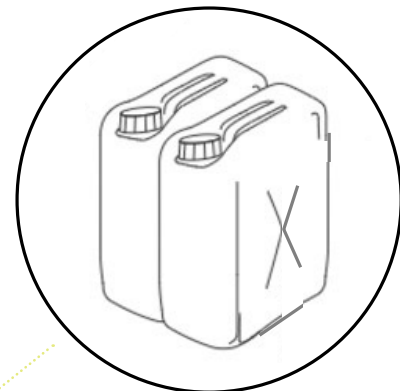
Domed rubber feet are anti-slip and will not scratch flooring.

Foot pump. Easy to use and reduces the likelihood of hand re-contamination.

**Tap:** Shaped to optimise water flow and deter other uses (eg, filling drinking bottles).

Flat packed for easy self-assembly and compact storage (screw-fixed legs, allen head screws and tools provided). Stainless steel construction.

Water and waste containers, plus pipes.



### Additional product options (charges apply):

- 2 x 20 litre Jerry Cans for fresh and waste water.
- Attachment for disposable towels.
- Stainless steel basin.
- Fully welded legs.
- Connector rods, to link a series of units 2m apart.
- Disc feet

“ We were delighted to trial the Aldermans portable sinks in our Junior School when pupils returned during the Summer Term. With schools becoming one of the first places to reopen after lockdown, it was incredibly important to maintain hygiene levels in all the year group ‘bubbles’ and being able to easily install additional handwashing stations around the buildings and external areas was a vital factor in protecting our school community.

Our students quickly got to grips with using the foot pump and having a hands-free solution was extremely beneficial by reducing the risk of infection at a crucial time for the school. In fact, for many of our students washing their hands became a socially fun experience and they really enjoyed using the sinks! Equally, to have portable devices allowed us to quickly and relatively effortlessly relocate them should the need arise.

With government guidelines suggesting that schools will be returning in full capacity for the Autumn Term, these sinks will inevitably prove to be an invaluable tool in ensuring high hygiene levels are maintained, therefore we would recommend them for any setting looking to supplement their own wash facilities in an affordable and efficient manner. ”

**Sandy Gardner**

School Business Manager,  
The Maynard School, Exeter



MADE FOR GIRLS AGE 4 - 18

## Bespoke options

Our two Jengu versions will cover the majority of situations – but Jengu can easily be adapted, too. We can provide a range of optional features, or can make the units to bespoke sizes, heights and specifications.

**Contact us on 01752 201200 to discuss your needs with our design engineers.**

## Swift dispatch

Because speed is essential, we can manufacture and dispatch stock of both Jengu units quickly. Please contact our team for current lead times.

**Alderman Tooling Ltd**

Bell Close, Newnham Industrial Estate,  
Plymouth PL7 4JH



**[aldermantooling.co.uk/jengu](http://aldermantooling.co.uk/jengu)**