



Innovation



Single-Use Wooden Crate



Multi-Use Plastic Crate

The Problem	Current State	The Solution	Advantage
Useful life	Short	Long	✓ Hundreds of packing cycles
Storage	Wasteful	Economical	✓ Folding crate
Withstanding solar radiation	Weak	Strong	✓ Plastic is resistant to solar radiation
Water resistance	Weak	Strong	✓ Plastic is water-resistant
Repair	Difficult	Easy	✓ Replacement and repair of damaged parts
Re-use	Rare	Common	✓ Hundreds of packing cycles
Collection	Medium	Strong	✓ Active collecting network as a complementary service
Plug & Play	Difficult	Easy	✓ Simple assembly and folding for all types of users
Metal hinges rust and weaken the packaging			✓ Strong, integral hinge within the board with no extra parts
Metal clamps rust and weaken the packaging			✓ Integral folding board with no extra parts
Metal nails rust and weaken the packaging			✓ Plastic board is welded without using extra parts
Broken wooden cubes cannot be replaced			✓ Replaceable plastic legs