

PROGRESS™

PROFICIENT. PROVEN. PROGRESSIVE.

A new generation of filter press, built to bring proven experience, proficient operation, progressive ingenuity to materials producers.

CDE ProPress

**ENGINEERED
FOR YOU.**
cdegroupp.com

CDE

PROGRESS™

Sustainable sludge dewatering technology that maximises productivity and recycles up to 95% of water

The CDE ProPress is specifically designed for the efficient dewatering of sludge in CD&E waste recycling, quarrying and mining applications.

This innovative solution incorporates the latest in robotic technology and automation to ensure safe, efficient operation while reducing cycle times and operating costs, to help maximise processing outputs.

Eliminates the need for settling ponds, recycling up to 95% of system water.

Easy maintenance & improved safety

Handrails surround the edge of the frame for increased safety. And stairs to the operator platform enables easy maintenance access and improved safety.

Dual feed

Sludge fed from both ends reduces cycle times.

Optimised design

CDE can provide structural steel-to-ground, reducing overall costs.

Multi-functional robot and operator platform

All operator functions in one place. Ensure operator safety.

Plate shaker

Ensures complete cake removal.

Auto washing

Ensures complete cake removal laser guided automated high-pressure cloth washing.

Core wash and core blow

Removes excess sludge to ensure dry filter cake.

Hydraulic Rams

4x ram pull-to-close design evenly distributes pressure as plates close, eliminating bending or twisting.

Larger diameter rams reduces need for higher hydraulic pressures, creating a safer solution.

Designed with operators in mind

Integrated with a smart HMI and CDE SmartTech plant management app, for ease of use and 24/7 connectivity and support.

Customised filter cloths

Created specially for CD&E waste, quarrying and mining applications.

Larger plate design

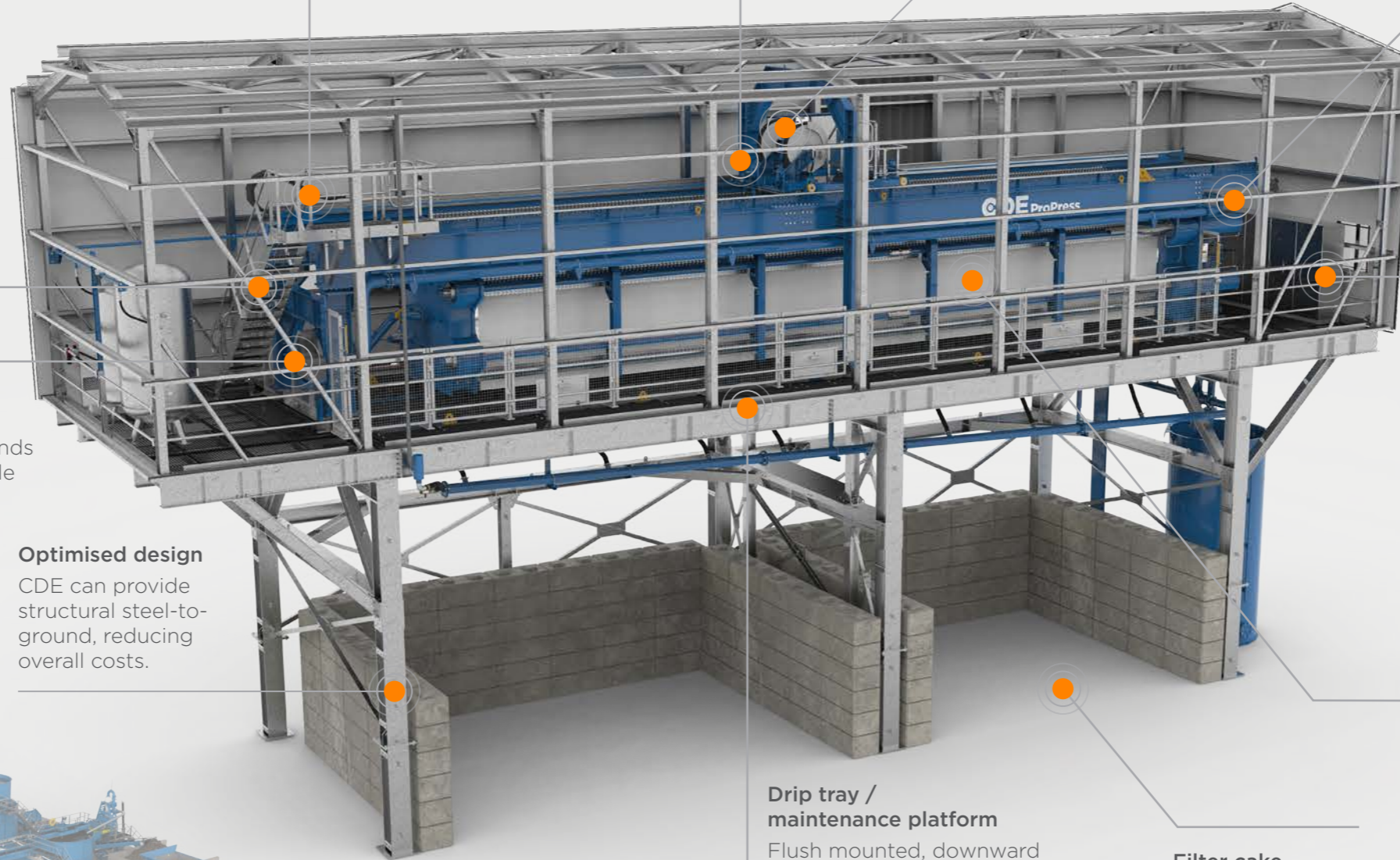
2.5m x 2m plates to maximise capacity, reduce cycle times, requiring a smaller footprint.

Drip tray / maintenance platform

Flush mounted, downward opening drip tray minimises material entrapment. Locks in place as a secure maintenance platform.

Filter cake

Dewatered solids retained to create a filter cake.



Integrates with
CDE SmartTech

PROPRESS™



Next generation filtration system

cdegroupp.com/propress

Technical specifications of the ProPress™ outlined below

PROPRESS	X1-80	X2-120	X3-160	X4-200	X5-240
Plate Size (m)	2.5 x 2.0				
Volumetric Capacity (m ³)	8	12	16	20	24
Weight (empty/T)	58.6	74.8	90.6	107.6	121.2
Height (m)	4.4		5.4		
Width (m)	3.0		4.3		
Length (m)	12.5	15.5	18.5	21.5	24.5
Max Sludge Pressure (bar)	16.0				
Wash Water Pressure (bar)	80				

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3 YEAR
warranty
on all CDE
products

Engineered for
guaranteed
uptime

