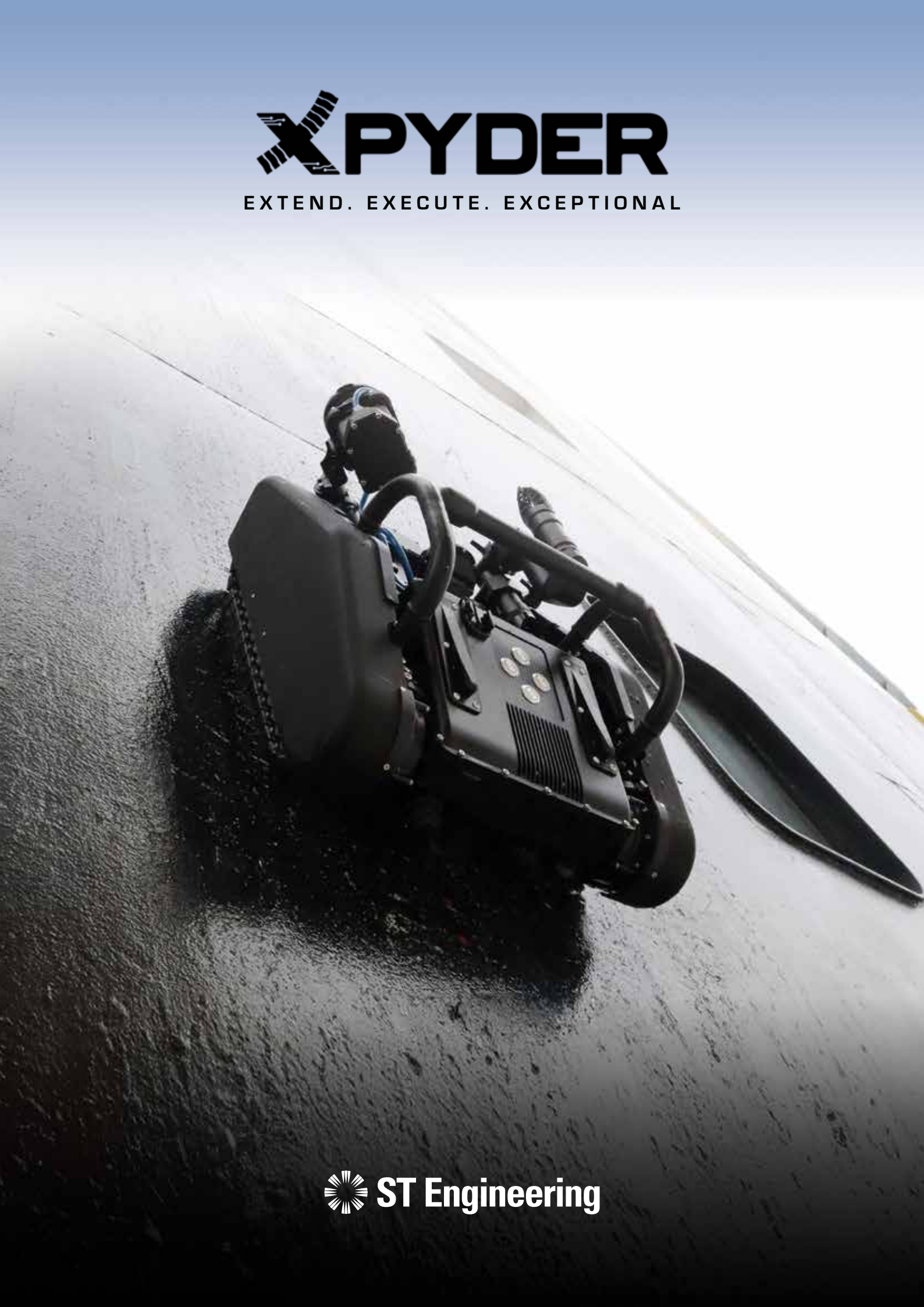
XPYDER

EXTEND. EXECUTE. EXCEPTIONAL

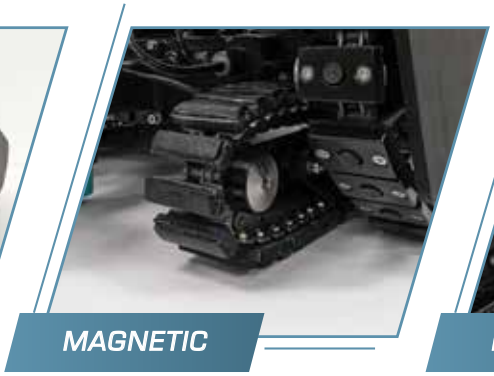


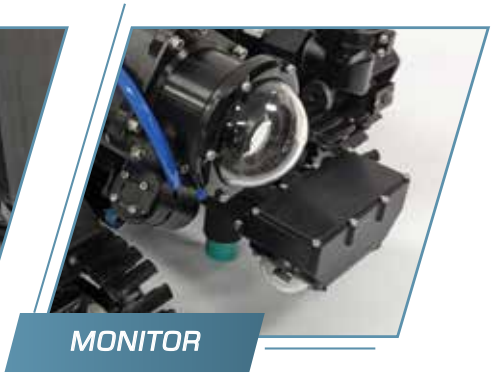
ST Engineering

XPYDER

XPYDER is a wireless, highly manoeuvrable magnetic crawler that is capable of scaling on ferritic mega structures. Its modular design enables easy reconfiguration to suit multi-mission requirements. The on-board sensors and real-time surveillance capabilities improve operator safety and enhance operational efficiency.


MODULAR


MAGNETIC


MONITOR

KEY FEATURES

MOBILE
Highly manoeuvrable magnetic tracks

TETHERLESS
Flexible deployment

INGRESS PROTECTION
IPX8
Watertight design

VERSATILE
Programmable, multi-purpose manipulator

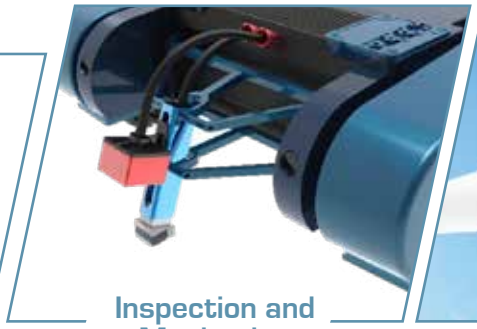
SAFE
Fail-safe track design & edge detection capability



PAYLOADS AND USE CASES



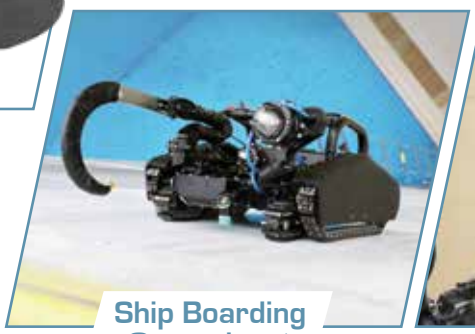
XPYDER Base Unit



Inspection and Monitoring



Scaling of Mega Structures



Ship Boarding Operations*



Surveillance



TECHNICAL SPECIFICATIONS (BASE UNIT)		
Dimensions	Length	560mm
	Width	465mm
	Height	295mm
Weight	Platform Weight	26kg
	Payload Capacity	Up to 10kg
Speed	Maximum Speed	15m/min
Environment	Ingress Protection	IPX8
Communications	Wireless#	Up to 100m
	Encryption	Up to AES256

** This configuration was developed collaboratively with HTX (Home Team Science & Technology Agency)*

 # Tested within frequency band regulatory limits

Note: Specifications are subject to change without prior notice. Images shown are for illustration only. Actual product may vary.

ST Engineering Land Systems Ltd
249 Jalan Boon Lay,
Singapore 619523

For more information on product:
www.stengg.com or contact
mktg.landsystems@stengg.com

DOP0324