bauma

24.-30. October 2022, Munich



WELCOME TO PALFINGER CAPITAL MARKETS DAY

October 28, 2022



NAVIGATING IN A VOLATILE ENVIRONMENT

ANDREAS KLAUSER CEO

WE ARE A LEADING GLOBAL PLAYER – FROM ALL PERSPECTIVES

PALFINGER

Long-term partnerships with premier dealers and distributors

Exports in 130 countries with >5,000 partners

Global coverage, local presence

Strong global No. 1 in knuckle-boom cranes

Almost 50% market share for timber cranes globally

Premium brand with high profitability

28-10-22 / Capital Markets Day



Revenue development in EUR million, minor rounding differences may occur.

20	010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021e	2022e	 2024e	2030e
Ma Ma	l d-Deck rine rine nes	INMAN	JV SANY Dreggen Palfinger- Tercek PCR	MCT JV Platforms Italy, JC Koch, PPI Nimet	JV KAMAZ PM Froup Hidro-Grubert Megarme	NDM JV FairWind JV KAMAZ	Harding Palfinger Iberica	Sky Steel Systems Palfinger Denmark	STRUC- INSPECT	GPO GO LIVE	Integration Segment SEA in GPO Acquisition HINZ	Equipdraulic OPTS	90 Years Anniversary	Record revenue through organic growth	Complete Solutions Provider

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OUR ANSWER TO THE MEGATRENDS OF THE FUTURE







THE VISION & STRATEGY 2030 IS OUR ANSWER TO THESE CHALLENGES.

#1

Market Leader for Crane and Lifting Solutions



OUR BIG PICTURE: CONNECTED SOLUTIONS FOR A SEAMLESS AND CUSTOMER-CENTRIC BRAND EXPERIENCE



PALFINGEF

PALFINGER WE DRIVE DIGITIZATION HOLISTICALLY **DATA & Enterprise Architecture** Business models Customers, **Partners** and **Employees** Process Smart Lifting organization Solutions Supply chain **IT CORE & DIGITAL BACKBONE** Foundation of the digital organization





THE WAY WE LOOK AT INFRASTRUCTURE HAS FUNDAMENTALLY CHANGED.

INVESTMENT PROGRAM ENABLES FUTURE GROWTH



EMPLOYEE COMPETENCIES

SOLUTION COMPETENCIES





OUR MARKET ENVIRONMENT

CI LUCZI

NAVIGATING STORMY WATERS

Russia's attack in February leads to energy crisis, worsening supply chain problems, general uncertainty, economic slowdown

PALFINGER

PALFINGER

The **pandemic** remains a factor of uncertainty, particularly in China.

The **availability of electronic components** has been very limited since Corona and the outbreak of war. PALFINGER stocks up on the open market through third parties.

Possible bottlenecks in energy supply

Highest inflation in decades

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ENERGY CONSUMPTION AT PALFINGER IS MUCH LOWER THAN OTHER INDUSTRIES

PALFINGER

At PALFINGER, the upstream value chain accounts for the highest energy consumption - the production of steel and aluminum.

- 2 PALFINGER has therefore **increased its stocks** of **energy-rich components**.
- 3 With innovative technologies, optimized designs, electrification and digitalization, **PALFINGER guarantees** its customers **the most energy efficient solutions**.
 - As early as **2020**, PALFINGER identified energy-intensive areas in its **production infrastructure** and **invested specifically in the latest technologies**.

5

4

1

PALFINGER is constantly evaluating energy consumption at all its sites and the options for reducing it by more than 10%.

CHALLENGES REMAIN – ORDER BOOK AT A VERY HIGH LEVEL



1	The geopolitical situation (Russia's war in Ukraine) remains a key factor of uncertainty.	/
2	The same applies to energy supply, global supply chains, scarcity of raw materials, and inflationary tendencies.	
3	But: PALFINGER can count on secure demand and therefore incoming orders in the medium and long term.	
4	Thanks to its customer focus , innovative solutions and products, and its services, PALFINGER has an excellent standing on the market , which it is continuing to expand.	<u></u>
5	Our own task forces provide support on all critical issues.	

CHALLENGES 149.16

ACHIEVEMENTS

FELIX STROHBICHLER CFO

RECORD TURNOVER DESPITE NUMEROUS CHALLENGES





SEGMENT

SALES & SERVICE

PALFINGER

DISPROPORTIONATE GROWTH IN NAM AND LATAM



1	Ongoing positive market environment in NAM and LATAM, weakened market demand in EMEA and APAC due to global economic developments and uncertainties
2	Revenue growth continues to be influenced by price increases and exchange rate effects
3	High order backlog and therefore continued long delivery times
4	Delivery delays for trucks lead to high inventory levels for finished products
5	Dynamic pricing enables rapid passing on of material cost increases with effectiveness from 2023

HIGHEST EVER Q1-Q3 REVENUE



in EUR million	Q1-Q3/2020	Q1-Q3/2021	Q1-Q3/2022	Δ%	
External revenue	1,033.8	1,241.5	1,419.1	14.3%	
EBITDA	118.9	151.2	115.0	-23.9%	
EBIT	80.0	124.8	97.6	-21.8%	
EBIT margin	7.7%	10.1%	6.9%	_	

SEGMENT

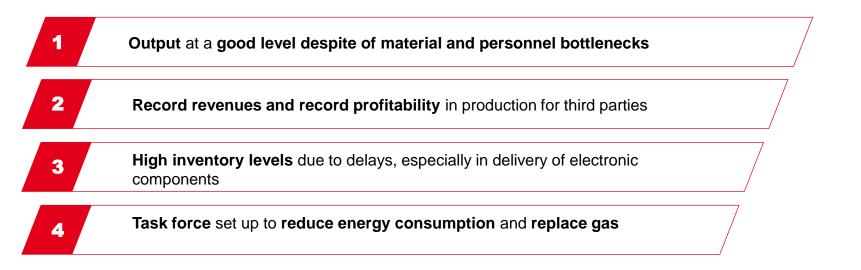
OPERATIONS



Segment OPERATIONS

UNSTABLE SUPPLY CHAIN REQUIRES HIGH FLEXIBILITY IN PRODUCTION





HIGH PROFITABILITY IN OPERATIONS DRIVEN BY MANUFACTURING FOR THIRD PARTIES



in EUR million	Q1-Q3/2020	Q1-Q3/2021	Q1-Q3/2022	۵%	
External revenue	68.7	96.1	161.8	+68.4%	
EBITDA	34.8	51.0	66.6	+30.6%	
EBIT	8.9	24.9	37.0	+48.6%	

UNIT

HOLDING

PALFINGER

SINCE 1932 YEARS

POSITIVE EXCHANGE RATE AND ONE OFF EFFECTS



in EUR million	Q1-Q3/2020	Q1-Q3/2021	Q1-Q3/2022	۵%	
EBITDA	-13.4	-13.9	-11.0	+20.9%	
EBIT	-18.3	-24.3	-22.0	+9.5%	

PALFINGER

GROUP

EBIT IMPACTED BY COST INCREASES AND DEFERRED EFFECT OF PRICE INCREASES

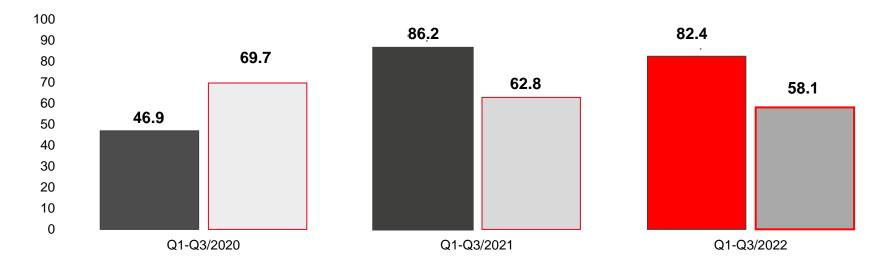


in EUR million	Q1-Q3/2020	Q1-Q3/2021	Q1-Q3/2022	∆% 2021/22	
Revenue	1,102.4	1,337.6	1,580.9	+18.2%	
EBITDA	140.3	188.3	170.6	-9.4%	
EBITDA margin	12.7%	14.1%	10.8%	-	
EBIT (operating result)	70.6	125.4	112.5	-10.3%	
EBIT margin	6.4%	9.4%	7.1%	-	
Consolidated net result	31.8	71.4	53.2	-25.5%	

PALFINGER Group

IMPLEMENTATION OF STRATEGY 2030 REQUIRES A HIGH LEVEL OF INVESTMENT







SIGNIFICANTLY INCREASED FINANCING VOLUME DUE TO HIGH INVENTORY LEVELS - ATTRACTIVE FINANCING STRUCTURE



in EUR million	30/09/2020	30/09/2021	30/09/2022	
Financial liabilities (FV) ¹⁾	459.0	421.0	719.1	
Avg. interest debt ²⁾	1.38 % ²⁾	1.28 %	1.91%	
Avg. remaining term debt	4.06 years	2.08 years	3.31 years	
Net debt	458.9	421.0	629.8	
Equity	606.7	689.2	728.6	

1) Including EUR 41,5 million leasing liabilities according to IFRS 16 (09/2021: EUR 40,4 million)

2) Excluding currency hedging costs.

In accordance with IFRS, slight rounding differences possible.

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REVERSAL OF CROSS-HOLDING AND ACQUISITION OF MINORITY SHARES REDUCE EQUITY



	30/09/2020	30/09/2021	30/09/2022
Equity ratio	39.0%	39.2%	35.7%
Gearing	75.6%	61.1%	86.4%
Net debt/EBITDA	2.43	1.78	2.79
ROCE	6.5%	11.0%	8.7%

In accordance with IFRS, slight rounding differences possible.

PALFINGER Group

MASSIVE INCREASE IN WORKING CAPITAL BURDENS FREE CASH FLOW

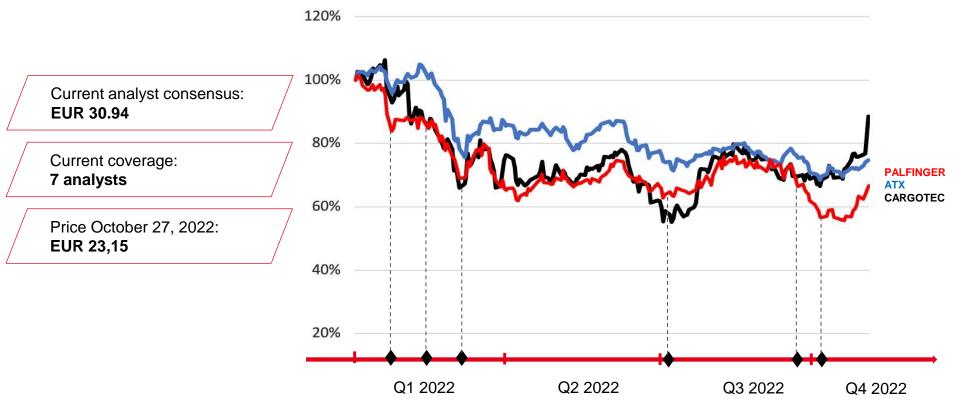


in EUR million	Q1-Q3/2020	Q1-Q3/2021	Q1-Q3/2022
EBTDA	128.2	181.0	163.1
+/- non-cash income from at-equity companies	-4.7	-8.1	6.8
+/- change in working capital	16.1	-53.1	-137.9
+/- cash flow from tax payments	-6.8	-22.1	-36.3
Cash flow from operating activities	132.8	97.6	-4.3
+/- cash flow from investing activities	-42.9	-100.8	-71.3
Cash flow after changes in working capital and investments	89.9	-3.2	-75.6
+/- cash flow from interest on borrowings adjusted for tax expenditure	6.4	6.0	5.8
Free cash flow	96.3	2.8	-69.8

In accordance with IFRS, slight rounding differences possible.

SHARE PRICE DEVELOPMENT BURDENED BY RUSSIAN EXPOSURE AND GLOBAL ECONOMIC ENVIRONMENT





REVENUE ABOVE EUR 2 BILLION FOR FULL YEAR 2022 WITHIN REACH



Order coverage is up to Q3 /2023 and enables revenue target of over EUR 2 billion in 2022, EBIT target is close to previous year

Further price increases will take effect over the next few months

Highly challenging environment due to **geopolitical situation** and macroeconomic development.

Limited visibility due to energy supply and continued unstable supply chain Ukraine war and COVID remain factors of uncertainty

MID-TERM TARGETS 2024 TO BE UPDATED WITH THE PUBLICATION OF THE FULL-YEAR RESULTS IN FEBRUARY 2023

PALFINGER SINCE SINCE SINCE

2024

Market Leader for Crane and Lifting Solutions

EUR 2.3 billion Revenue from organic growth

10% EBIT margin **12%** ROCE

#1

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THE KEY PILLARS OF OUR VISION 2030 — REVENUE TARGET EUR 3 BILLION

Market Leader for Crane and Lifting Solutions

#1







HARALD HAUSER VP SUPPLIER MANAGEMENT

REASONS FOR THE SUPPLY CHAIN DISRUPTION





UNEXPECTED WORLDWIDE INCREASE IN DEMAND LEADS TO CONSTRAINTS IN SUPPLY CHAIN

PALFINGER

		2020	2021	2022	
DELIVERY TIMES	 Steel plates Tubes Semiconductors Truck/Chassis 	4 months \rightarrow	5 months → 6 months → 12 months → 10 months →	6-7 months	
SHORTAGE IN ELECTRONICS	range of industriesGaming industry is sate				
		2020 2	021 2022	— /	
TRANSPORT COSTS	 Higher costs in Sea freight (40-foot container) Transport time 		000 → € 7000 - 8		

IMPACT OF COVID ON SUPPLY CHAIN

Lockdowns in China remain a challenge

- Zero-Covid policy
- Lockdowns:
 - Containers cannot be loaded, delivery delays occure in urgent cases air freights must be used → leads to higher costs
- Inventory strategy compensates for delivery delays

Rest of the world has improved

 There are currently no serious Covid impacts on production capacities in other regions



IMPACT OF UKRAINE WAR ON SUPPLY CHAIN

Suppliers in Ukraine and delivery situation

- Suppliers for steel pipes → immediate production stoppage for → 2-3 weeks
- Now continued delivery of steel tubes
- Increased focus on second source due to war
- PALFINGER indirectly impacted by wiring harness bottlenecks

Russian invasion led to skyrocketing prices

- February 2022: Additional 30% increase in steel prices and potential gas issues
- May 2022: Steel prices fell again starting May 2022



1K01 - Steel HRC dom exw N Eur

Steel hot rolled (HR) coil | domestic price | ex-works Northern Europe | | |



- 1K01 - Steel HRC dom exw N Eur



ENERGY CRISIS

25

OVERVIEW – ENERGY MARKETS EMEA

Gas supply for winter 2022/23 in Europe is reasonably secure (even without Russian supplies); Germany – risk run short on gas in winter 2022/2023

Extremely volatile markets with particular, country specific market environments

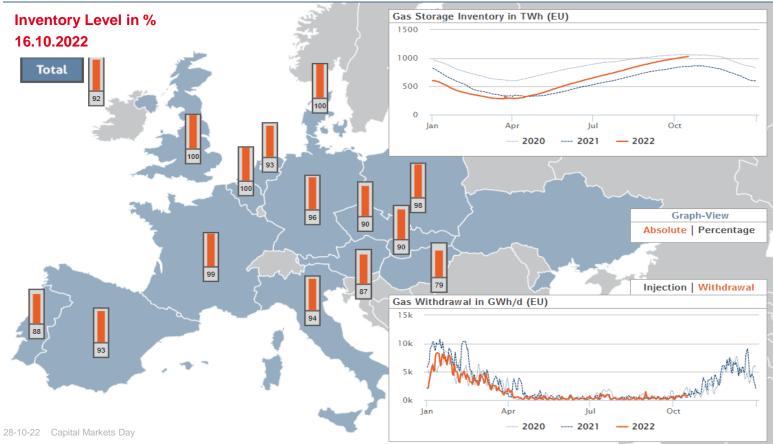
Inhomogenious markets in Europe request local procurement strategies in EMEA

Uncertain situation for upcoming winter



EU TARGET OF 80% ALREADY REACHED IN AUGUST

GAS: European Gas Storage Inventory (AGSI)





CONTINUING CHALLENGES IN 2023

The situation of electronic components is expected to be relaxed by 2nd half of 2023 2 Approval of new suppliers for double sourcing is ongoing Steel price decreased by Q4 2022 and 3 will further go down in Q1 2023 Slightly recovery in Global International Transportation Slightly easier availability of **trucks** \rightarrow Production of wire harnesses moved to Poland & other countries

PALFINGER

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WE ALREADY HAVE A STRONG BASE TO RELY ON



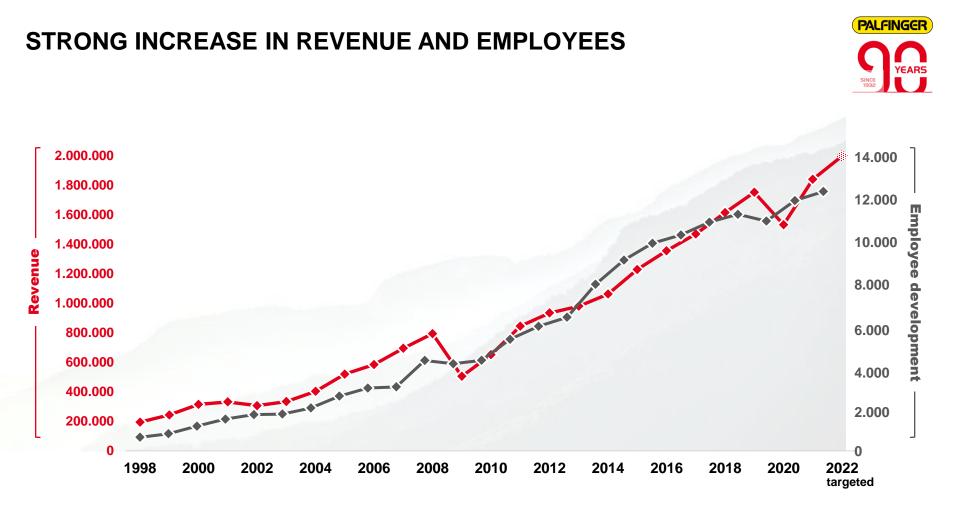
Adjust **inventory strategy** for commodity parts (higher safety stock) Double sourcing with suppliers in **different regions** Using **global acting suppliers** as far as possible "local for local" Force strong and long-term **partnership** with strategic suppliers and sub-suppliers

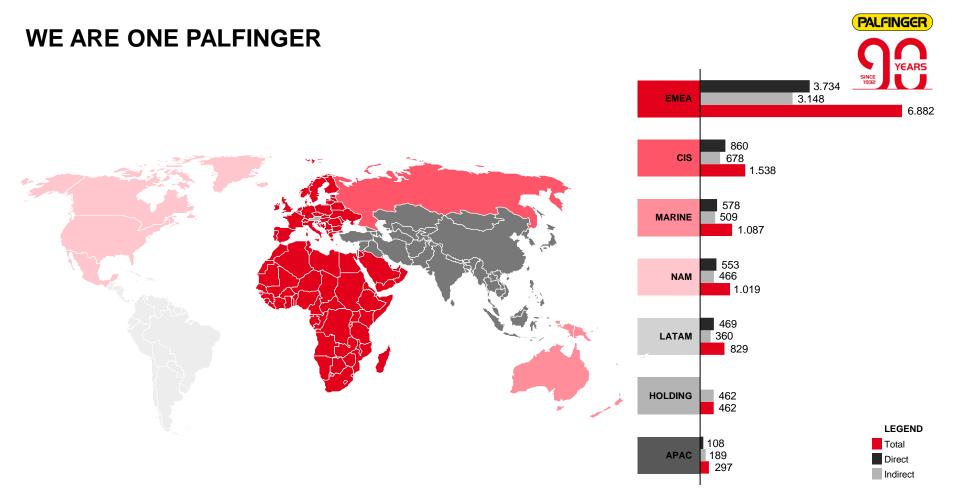


PALEINGER

SUCCESSFULPE MANAGENEN TODAY AND TOMORROW

MICHAEL BERGER VP GLOBAL HUMAN RESOURCES



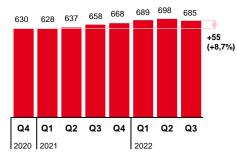


NUMBER OF EMPLOYEES IS GROWING EVEN IN CRITICAL AREAS



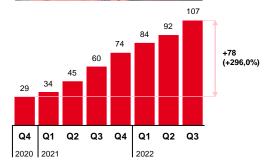
Successful growth in engineering & IT



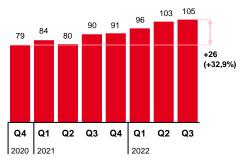


GLOBAL BUSINESS SERVICES Sofia









PLM&E global 8.7% fluctuation YOY Global Business Services Sofia 12.5% fluctuation YOY ICT 10.2% fluctuation YOY

MEGATRENDS AS A MAJOR CHALLENGE FOR A GLOBAL PLAYER





- "Go for Solutions" requires a changed mind-set
- · Ability to orchestrate eco-systems of partners



- Significant need for digital natives
- Skilled workers are and will be the core of any organization



- Further develop leadership culture and work environment
- Make & Buy: educate and train

MEET THE CHALLENGES OF TOMORROW AS A RELIABLE AND STABLE EMPLOYER





2

3

"RETAIN" FIRST, THEN HIRE

DO THE RIGHT THINGS AND TALK ABOUT IT

HR STRATEGY



LEARNING ORGANIZATION

GO DOWN DIFFERENT PATHS





"GO DIGITAL" – PILOT DIGITAL MASTERCLASS



GOAL

Efficient recruitment of new talent – time to get in touch with high potentials/potential employees for PALFINGER, then hire at least 30% of the participants

TARGET GROUP (pilot, changes in every iteration) **Web/Application Developer** – FH & university students (after assessment) USP: Teamwork, top-level training, PALFINGER as a technology company, etc.

CONTENTS

Get to know PALFINGER as a technology company
 Talks by internal and external experts
 Using cutting-edge technology in project teams

DURATION & NUMBER OF PARTICIPANTS & LOCATION

At least 12 weeks (as an internship - competitive salary) 10 people, Salzburg & Vienna, participants work full time for PALFINGER



PALFING





"MAKE-OR-BUY" – APPRENTICES ARE A MAJOR PILLAR OF OUR HR STRATEGY



STATUS QUO

- 1. Focus on DACH region, China,
- 2. Focus on Operations
- 3. Apprentice training in 13 professions
- 4. Almost 250 apprentices in training year 2022/23
- 5. Increase number of apprentices to 500 by 2027



SCOPE OF TARGETED EXPANSION

SHORT TERM Establish PALFINGER Campus Lengau by 2023

Train contract workers: welding, sheet metal technology, assembly, hydraulics, PLC

MID TERM

Gradually increase apprentices A Train & re-skill employees (changed task area) Expand geographic scope

Long term

Increase number of apprentices in skill shortage jobs Establish new job profiles at PALFINGER (digitalization)



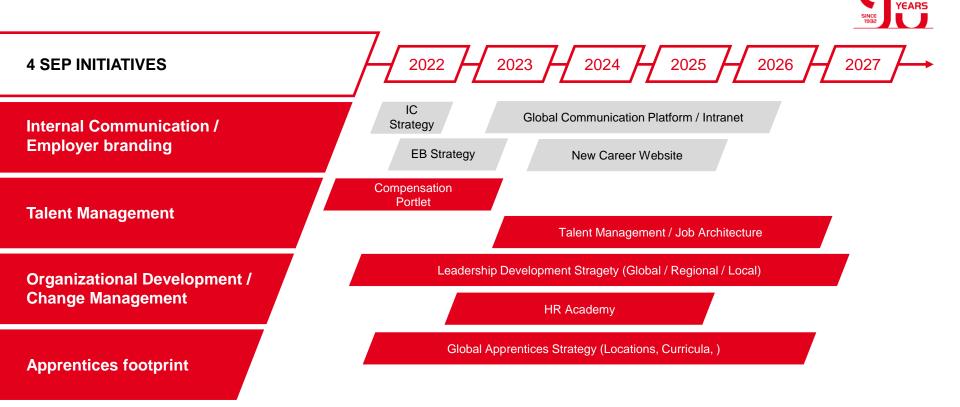




PALFINGER.CO



HR STRATEGY 2023-2027 - ATTRACT, RETAIN, DEVELOP



PALFINGER

THE NEEDS OF OUR CUSTOMERS ARE THE FOCUS



CREATING ADVANTAGES



NEW SKILLSETS REQUIRED



ASSISTANCE SYSTEMS





... AND VALUES FOR OUR CUSTOMERS & PARTNERS

PEOPLE ARE THE PULSE OF PALFINGER & MAKE THINGS HAPPEN



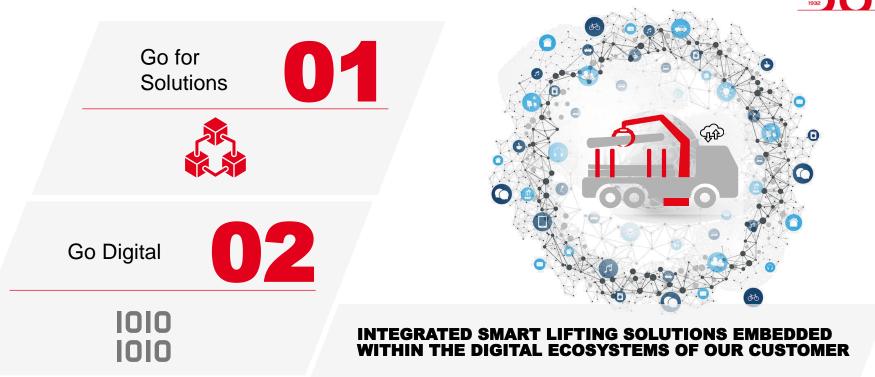




ANGING CONFILMENT

ANDREAS HILLE SVP GLOBAL PRODUCT LINE MANAGEMENT / R&D

INTEGRATED SMART LIFTING SOLUTIONS REQUIRE THE COMBINATION OF BOTH PILLARS OF OUR STRATEGY



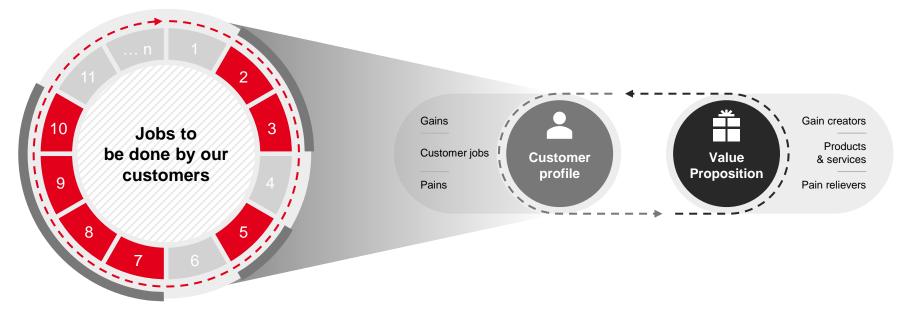
PALFING

DEEPLY UNDERSTANDING OUR CUSTOMERS' JOBS TO BE DONE IS THE BASIS FOR OUR VALUE PROPOSITION



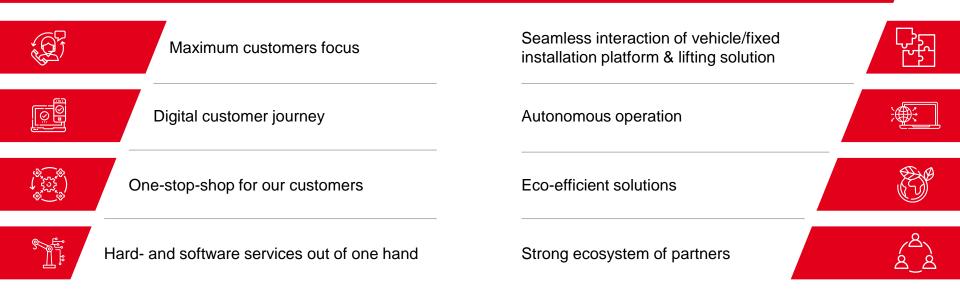
END-TO-END VALUE CREATION PROCESS

PALFINGER VALUE PROPOSITION



Jobs where PALFINGER contributes significantly to customers' value creation

8 KEY FOCUS AREAS



MOVE FROM STRATEGY TO ACTION

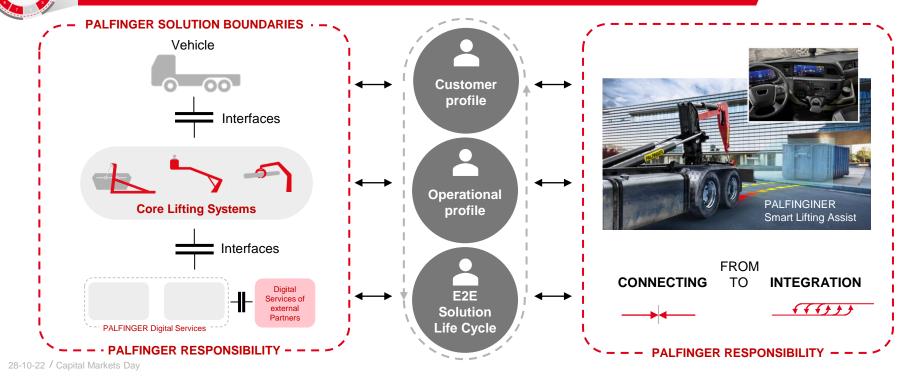


PROVIDING CONFIGURABLE SOLUTIONS WHICH ARE READY TO GO TO WORK

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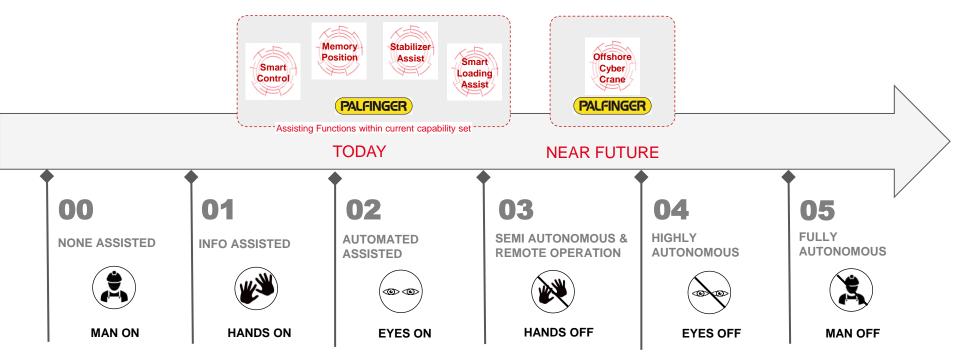
TAKING OVER FULL RESPONSIBILITY OF INTEGRATED SOLUTION



INCREASING SAFETY AND OPERATIONAL PRODUCTIVITY WITH OUR AUTONOMOUS OPERATING ROADMAP

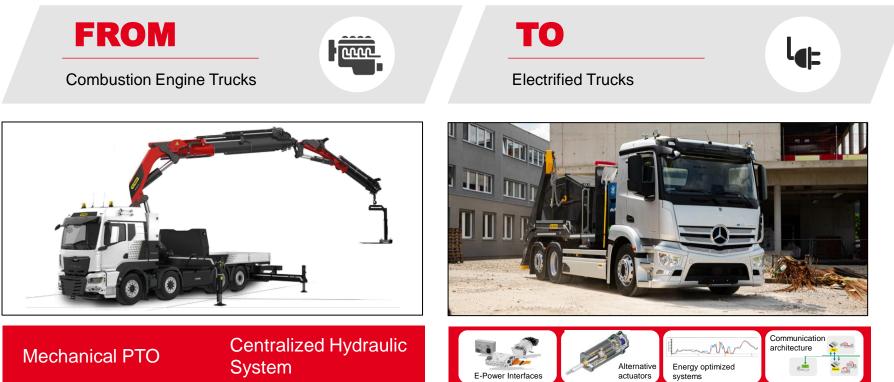


MOVING TOWARDS SEMI-AUTONOMOUS & REMOTE OPERATION IN APPLICATIONS WITH HIGH SAFETY RISK / COST



MAXIMIZING PERFORMANCE AND INCREASING ECO-EFFICIENCY WITH ELECTRIFIED LIFTING SOLUTIONS





GLOBAL R&D ORGANIZATION IS DRIVING THE TRANSFORMATION OF PALFINGER INTO A TECHNOLOGY COMPANY



GLOBAL R&D SITE SETUP

			Structure meeting bal Requirements
R&D Sites	Size	R&D ratio	International
24	700	_~ 4%	13 Countries

R&D MATRIX ORGANIZATION

Timber & Recycling Cranes Vehicle Interface Management Project Management Office • Mechanical Design Aerial Work Platforms & Special Solutions + Homologation Solution Accessory - System Engineering & Requirement Management • Mechanical Design • Static & Stability Management - Solution Accessory Requirement Management • Hydraulics Systems & Actuation • Hydraulics Systems & Actuation Tail & Passenger Lifts • Industrial Solution Design • Industrial Solution Ragement • Verification & Validation • RAD Process & Tools • Control Hardware & Sensories Self-Propelled Lifting Solutions • Loader Cranes • Marine Solutions • Software Development			Center of Excellence Vehicle Integration	Center of Excellence System Management & Engineering	Center of Excellence Mechatronics
Aviant Nation Sub - Solution Accessory Requirement - Hydraulics Systems & Management Hooklifts & Skiploaders - Solution Integration - IP & Innovation - Electrical Design Tail & Passenger Lifts - Industrial Solution Design - Verification & Validation - Communication System & Telematics Self-Propelled Lifting Solution negation - Master Data Management - Control Hardware & Sensorics Loader Cranes - Master Data Management - Solution Accessory	.	Timber & Recycling Cranes			
Hooklifts & Skiploaders Solution Integration · IP & Innovation · Electrical Design Tail & Passenger Lifts · Industrial Solution Design · IP & Innovation · Electrical Design Self-Propelled Lifting · Verification · Verification · Communication System & Telematics Solution negration · Master Data Management · Communication System & Telematics · Control Hardware & Sensories Solutions · Loader Cranes · Master Data Management · Master Data Management · Embedded Application	⊃ a ₫a		 Solution Accessory 	Requirement	Calculations • Hydraulics Systems &
Tail & Passenger Lifts • Verification & Validation • Telematics • R&D Process & Tools • Control Hardware & Sensories • Control Hardware & Sensories • Solutions • Master Data Management • Embedded Application • Loader Cranes • Odder Cranes • Odder Cranes	5 0	Hooklifts & Skiploaders	 Solution Integration 	IP & Innovation	Electrical Design
Solutions Solutions Software Development	-,)	Tail & Passenger Lifts	- Industrial Solution Design		Telematics
💼 🚓 Loader Cranes	.			 Master Data Management 	Embedded Application
Marine Solutions) .c	Loader Cranes			Software Development
	r.c	Marine Solutions			

Differentiation &
StandardizationModel Based
System
EngineeringVerification &
ValidationStandards,
Process & Tools

TOGETHER WE ACTIVELY SHAPE THE FUTURE AND DRIVE THE EVOLUTION OF THE INDUSTRY



PALFINGER IS WELL POSITIONED

FLEXIBILITY SECURES STABILITY

TURNING CHALLENGES INTO OPPORTUNITIES



STAY HEALTHY!