

By
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BUSINESS PLAN **TERVEL**

Manufacturing of

AXIAL PISTON HYDRAULIC MOTORS AND PUMPS

CONTENTS:

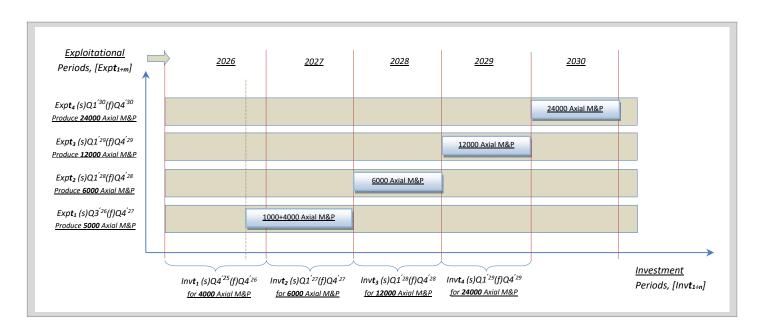
To facilitate the understanding of the conducted process analyses for the development of a manufacturing enterprise of axial piston hydraulic motors and pumps (Axial M&P), the current business plan is accompanied by these appendices:

- **Appendix 1**: Financial Overview of Tervel, and Development of Technological Environment of Tervel.
- Appendix 2: Product structure and pricing

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Development of Technological Environment of Tervel

Investment and Exploitational Period of Tervel



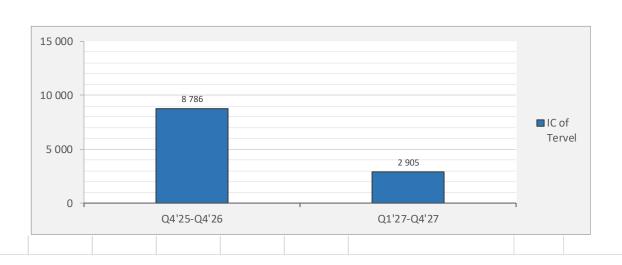
Investment Period	Time Interval	Produced Axial M&P	Exploitational Period	Time Interval	Produced Axial M&P
1 st Invest. Period	Q4 ^{'25} ÷Q4 ^{'26}	1000 + 4000 (constant)	1 st Exploit. Period	Q3 ^{'26} ÷Q4 ^{'27}	1000 + 4000 (constant)
2 nd Invest. Period	Q1 ^{′27} ÷Q4 ^{′27}	6000 (4000const+2000var)	2 nd Exploit. Period	Q1 ^{′28} ÷Q4 ^{′28}	6000 (4000const+2000var)
3 rd Invest. Period	Q1 ^{'28} ÷Q4 ^{'28}	12000 (6000const+6000var)	3 rd Exploit. Period	Q1 ^{'29} ÷Q4 ^{'29}	12000 (6000const+6000var)
4 th Invest. Period	Q1 ^{′29} ÷Q4 ^{′29}	24000 (12000const+12000var)	4 th Exploit. Period	Q1 ^{'30} ÷Q4 ^{'30}	24000 (12000const+12000var)

Development of Technological Environment of Tervel

Investment Costs (IC) of Tervel

Development of a new Enterprise

Investment Costs (IC) thousands USD							
Time Int.	IC of Tervel						
Q4'25-Q4'26	8 786						
Q1'27-Q4'27	2 905						



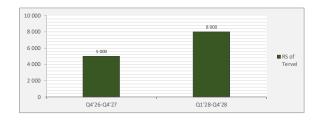
Development of Technological Environment of Tervel

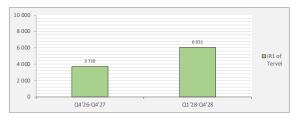
Financial Overview of Tervel

Development of a new Enterprise



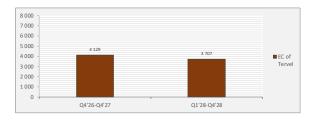
Industrial Result 1 (IR1) of APHMP in thousand USD				
Time Int.	IR1 of Tervel			
Q4'26-Q4'27	3 710			
Q1'28-Q4'28	6 031			

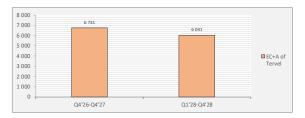




Exploatational Costs (EC) in thousands USD					
Time Int.	EC of Tervel				
Q4'26-Q4'27	4 12				
Q1'28-Q4'28	3 70				

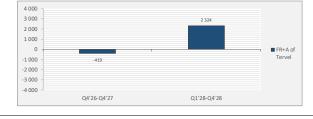
Exploatational Costs + Amortization (EC+A) in thousands USD				
Time Int.	EC+A of Tervel			
Q4'26-Q4'27	6 731			
Q1'28-Q4'28	6 031			

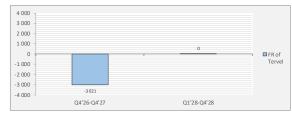


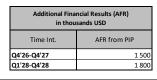


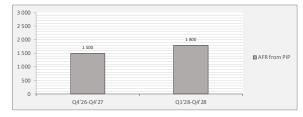
Final Result + Amortization (FR+A) in thousands USD			
Time Int.	FR+A of Tervel		
Q4'26-Q4'27	-419		
Q1'28-Q4'28	2 324		

Final Result (FR) in thousands USD				
Time Int.	FR of Tervel			
Q4'26-Q4'27	-3 021			
Q1'28-Q4'28	(





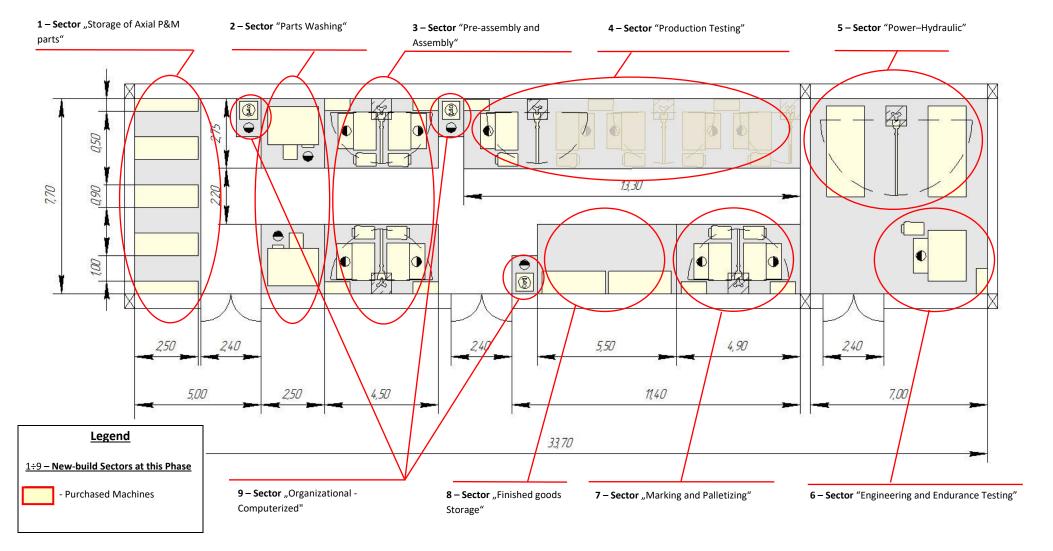




Development of Technological Environment of Tervel

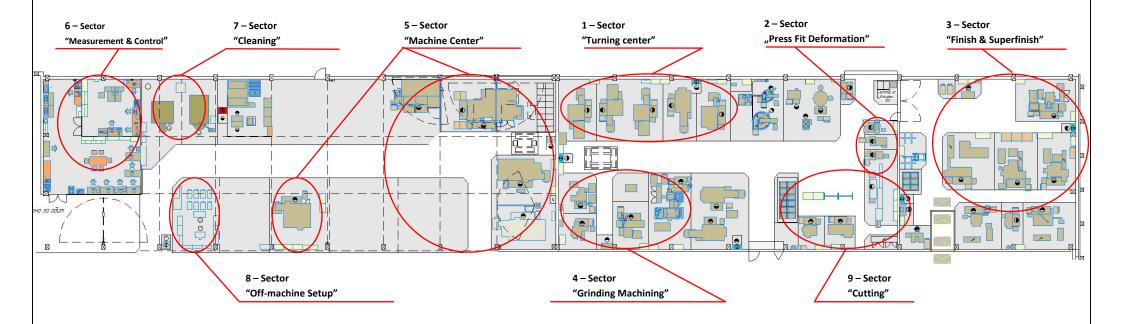
1st Investment Period (for 5000 constant Axial M&P)

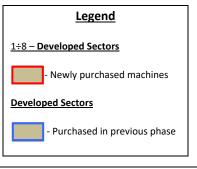
1.1. Drawing of the Technical Environment - Investment at "Workshop 1" For Q4'26 ÷ Q4'27



Development of Technological Environment of Tervel

- 1.2. <u>Drawing of the Technical Environment Investment</u> at "Workshop 2" (for **5000** constant Axial M&P)
 - 1.2.1. Drawing of Sector Metalworking at "Workshop 2" For Q4'26 ÷ Q4'27

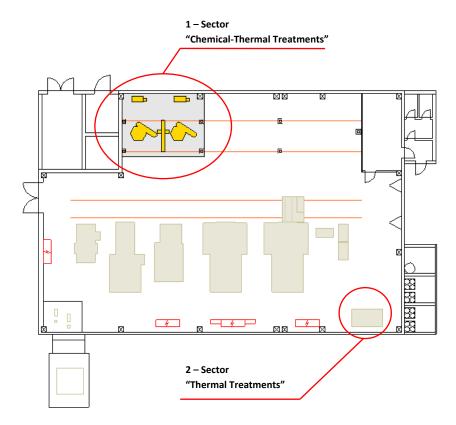




Development of Technological Environment of Tervel

1.2.2. <u>Drawing of Sector Heat Treatment</u> at "Workshop 2" For **Q4'26 ÷ Q4'27** (for **5000** constant Axial M&P)





Development of Technological Environment of Tervel

1.3. Investment Expenditures for Project for High-tech Product during Q4'26' ÷ Q4'27' (for 5000 constant Axial M&P)

Time Interval: Q4'26-Q4'27										
			Q4'26	Q1'27	Q2'27	Q3'27	Q4'27			
In	vestment Costs (IC	C), USD	6,213,250	597,400	1,499,150	235,800	240,800			
Description	code		IC (USD)	IC (USD)	IC (USD)	IC (USD)	IC (USD)			
Management Costs	1111		45,000	45,000	45,000	45,000	45,000			
Labor Costs (Wages)	1112		432,000	432,000	432,000	144,000	144,000			
Additional Labor Costs	1113		86,400	86,400	86,400	28,800	28,800			
Business Travel Expenses – Transportation & Daily Allowances	1114		2,000	2,000	2,000	2,000	2,000			
Consulting	1121		20,000	25,000	20,000	10,000	15,000			
Maintenance, Restoration & Modernization of Technical Environment	1123		41,850	0	6,750	0	0			
Courier Services & Transportation Rental	1125			1 000	1 000					
Representation Expenses & Advertising	1141		5 000	5 000	5 000	5 000	5 000			
Organizational Elements of the Environment (excl. Wages)*	141		1 000	1 000	1 000	1 000	1 000			
Technical Elements of the Environment*	142		5,580,000	0	900,000	0	0			

Development of Technological Environment of Tervel

1.3.1. <u>Details about Investment Expenditures for Project for High-tech Product</u> during **Q4'26**: ÷ **Q4'27** (for **5000** constant Axial M&P)

Article: Technical Elements for Environment* 142

	Total:					
Q4'26	Q1'27 Q2'27 Q3'27 Q4'27					
\$5,580,000	\$0	\$900,000	\$0	\$0	\$0	\$6,480,000

N∘	Description			
1	RENT- 20000 feet ² × \$ 10	200,000		\$200,000
2	Casting molds	200,000		\$200,000
3	TopSolid CAD/CAM	40,000		\$40,000
4	Test Bench for Production Testing	500,000		\$500,000
5	Test Bench for Endurance Testing	500,000		\$500,000
6	Assembly Equipment	100,000		\$100,000
7	Vacuum Nitriding Furnaces - 2pcs	100,000		\$100,000
8	Integrex	250,000		\$250,000
9	Thielenhaus Sphero 110	455,000		\$455,000
10	Universal Measuring Instruments	20,000		\$20,000
11	BDT licenses	30,000		\$30,000
12	Hydraulic Press for Press-Fitting Bearing and Piston	60,000		\$60,000
13	CNC-Controlled Lathe – QTN100PP, 3 pcs.	210,000		\$210,000
14	Danobat Estarta 175	750,000		\$750,000
15	Fencing and air-conditioning of the "Finish Machining" section	100,000		\$100,000
16	General exchange ventilation for the Thermal section	40,000		\$40,000
17	3 pcs CNC lathes – Okuma	300,000		\$300,000
18	1 pc cylindrical grinder Okamoto	200,000		\$200,000
19	1 pcs Okuma Multus U3000		400,000	\$400,000
20	1 pcs Okuma LB3000	200,000		\$200,000
21	1pc microLine AC700-F	500,000		\$500,000
22	Mazak HCN5000		500,000	\$500,000
23	Lapping machine	50,000		\$50,000
24	5-axis CNC milling machine Okuma	300,000		\$300,000
25	Tools&carts etc	100,000		\$100,000
26	Laboratory - Coordinate Measuring Machine (CMM)	100,000		\$100,000
27	Microscope	75,000		\$75,000
28	Equipment	100,000		\$100,000
29	Gear hobbing machine	100,000		\$100 000

Development of Technological Environment of Tervel

Article:

Labor Costs (Wages)

1112

	Time Step						
Q4'26	Q1'27						
\$432,000	\$432,000	\$432,000	\$144,000	\$144,000	\$0	\$1,584,000	

N∘	Description						
1	Permanent team of employees – average 18 persons per month × \$ 8 000	432,000	432,000	432,000			\$1,296,000
2	Permanent team of employees – average 6 persons per month × \$ 8 000				144,000	144,000	\$288,000

Article:

Maintenance, Restoration & Modernization of

Technical Environment

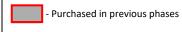
1123

	Total:					
Q4'26	Q1'27	Q2'27	Q3'27	Q4'27		
\$41,850	\$0	\$6,750	\$0	\$0	\$0	\$48,600

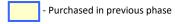
N∘	Description					
1	Maintenance	41,850	0	6,750		\$48,600

Legend

1,2,35,67,8, and 9 - Sectors



4 and 6 - Developed Sectors



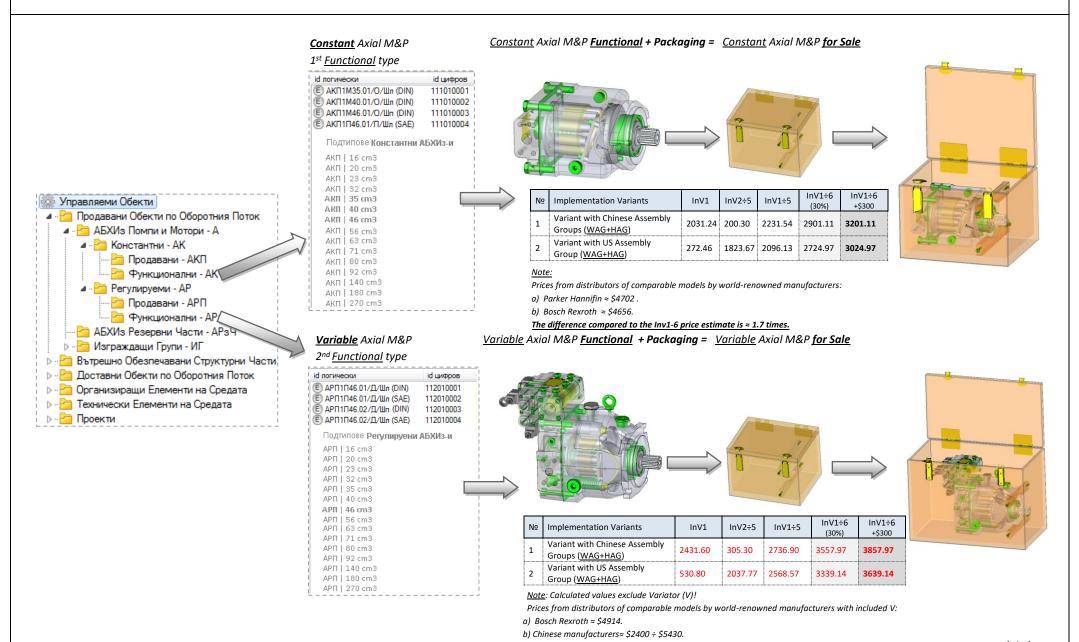
9 – Develop Sector "Organizational - Computerized"

8 – Develop Sector "Finished goods Storage"

7 – Develop Sector "Marking and Palletizing"

6 – Newly-developed places in **Section** "Engineering and Endurance Testing"

Structure of the Working Capital Flow of Axial M&P



Structure of the Working Capital Flow of Axial M&P

1.2.1. Working Assembly Group (WAG)

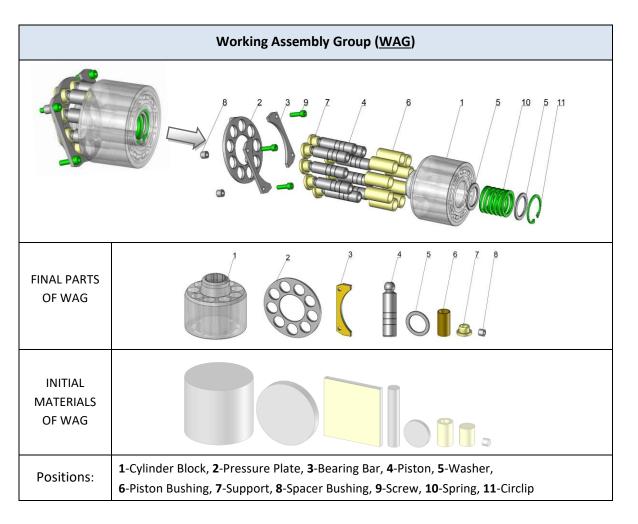


Table 1. Working Assembly Group (WAG)

1.2.2. Housing Assembly Group (HAG):

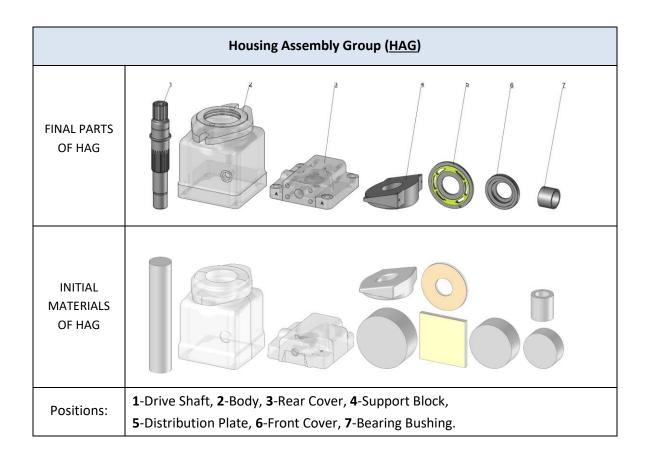


Table 2. Housing Assembly Group (<u>HAG</u>)

Structure of the Working Capital Flow of Axial M&P

1.2.3. Connecting Element Group (CEG)

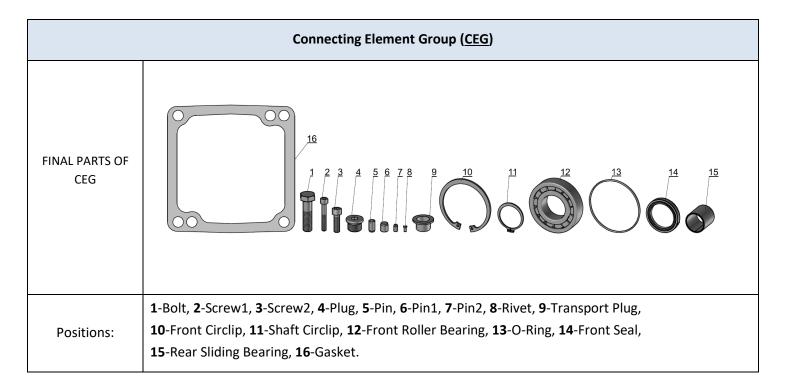


Table 3. Connecting Element Group (<u>CEG</u>)