

by INSTITUTE FOR SYSTEMIC ECONOMIC ENGINEERING stefan.stefanov@isee.bg

BUSINESS PLAN

AXIAL FLOW DYNAMICS

Manufacturing of

AXIAL PISTON HYDRAULIC MOTORS AND PUMPS

CONTENTS:

To facilitate an 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 three appendices:

- Appendix 1: Financial Overview of the Program for Axial M&P Manufacturing,
- Appendix 2: Product Structure and manufacturing costs of Axial M&P and
- Appendix 3: Development of Technological Environment of Axial Flow Dynamics Complex in phases.

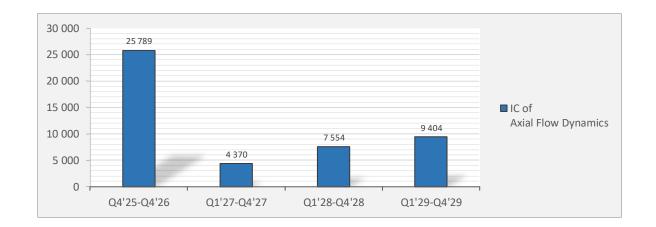
Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Overview of the Program for Axial Piston Hydraulic Motors and Pumps Manufacturing

<u>Investments Costs (IC) of the Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)</u>

Program for new Enterprise Development

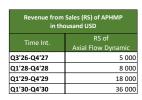
Investment Costs (IC) thousands USD						
Time Int.	IC of					
Time inc.	Axial Flow Dynamics					
Q4'25-Q4'26	25 789					
Q1'27-Q4'27	4 370					
Q1'28-Q4'28	7 554					
Q1'29-Q4'29	9 404					



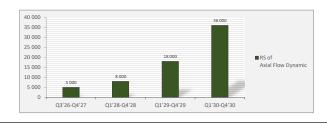
Overview of the Program for Axial Piston Hydraulic Motors and Pumps Manufacturing

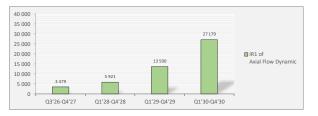
Financial Parameters of the Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Program for new Enterprise Development



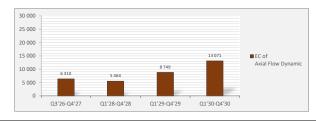
Industrial Result 1 (IR1) of APHMP in thousand USD						
Time Int.	IR1 of					
Time inc.	Axial Flow Dynamic					
Q3'26-Q4'27	3 479					
Q1'28-Q4'28	5 921					
Q1'29-Q4'29	13 590					
Q1'30-Q4'30	27 179					

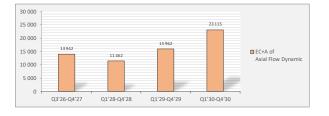




Exploatational Costs (EC) in thousands USD					
EC of					
Axial Flow Dynamic					
6 310					
5 464					
8 749					
13 071					

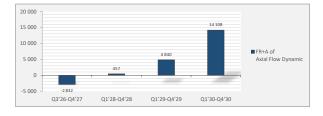
Exploatational Costs + Amortization (EC+A) in thousands USD					
Time Int.	EC+A of				
Time inc.	Axial Flow Dynamic				
Q3'26-Q4'27	13 942				
Q1'28-Q4'28	11 462				
Q1'29-Q4'29	15 962				
Q1'30-Q4'30	23 115				

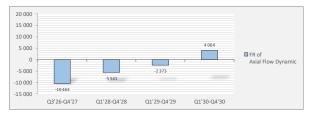




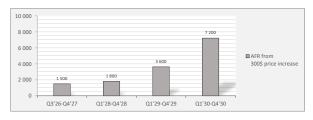
Final Result + Amortization (FR+A) in thousands USD					
Time lak	FR+A of				
Time Int.	Axial Flow Dynamic				
Q3'26-Q4'27	-2 832				
Q1'28-Q4'28	457				
Q1'29-Q4'29	4 840				
Q1'30-Q4'30	14 108				

Final Result (FR) in thousands USD					
- · · ·	FR of				
Time Int.	Axial Flow Dynamic				
Q3'26-Q4'27	-10 463				
Q1'28-Q4'28	-5 541				
Q1'29-Q4'29	-2 373				
Q1'30-Q4'30	4 064				



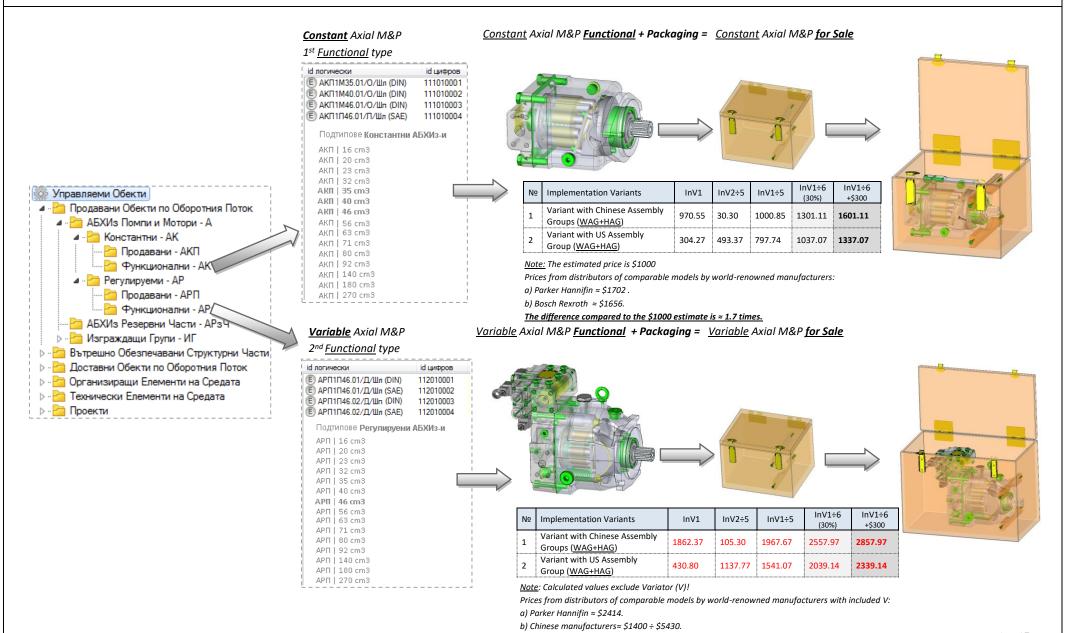


Additional Financial Results (AFR) in thousands USD						
Time Int.	AFR from					
Time int.	300\$ price increase					
Q3'26-Q4'27	1 500					
Q1'28-Q4'28	1 800					
Q1'29-Q4'29	3 600					
Q1'30-Q4'30	7 200					

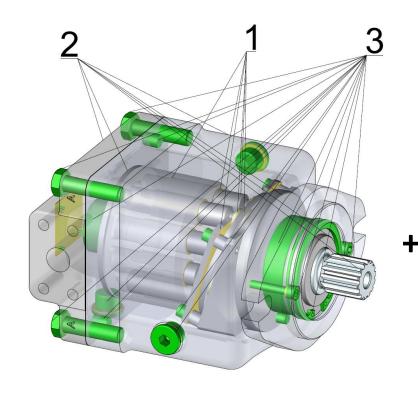


Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Structure of the Working Capital Flow of Axial M&P

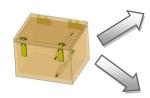


1. CONSTANT Axial M&P for SALE



Variant with Chinese Assembly Groups

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)	InV1÷6 +\$300
1	Constant Axial M&P For Sale	600.26	213.45	813.71	1057.82	1357.82
1.1	↑ Packaging	7.30	2.80	10.10	12.12	
1.2	↑ Constant Axial M&P <u>Functional</u>	-	27.50	27.50	35.75	
1.2. 1	↑ Working Assembly Group (<u>WAG</u>)	401.06	-	401.06	521.37	
1.2. 2	↑ Housing Assembly Group (<u>HAG</u>)	108.50	183.15	291.65	379.15	
1.2. 3	↑ Connecting Element Group (<u>CEG</u>)	83.40	-	83.40	100.08	



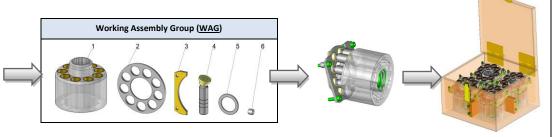
Variant with US Assembly Groups

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)	InV1÷6 (+\$300)
1	Constant Axial M&P For Sale	304.27	493.37	797.74	1037.07	1337.07
1.1	↑ Packaging	7.30	2.80	10.10	12.12	
1.2	↑ Constant Axial M&P <u>Functional</u>	-	27.50	27.50	35.75	
1.2. 1	↑ Working Assembly Group (<u>WAG</u>)	105.07	280.02	385.09	500.70	
1.2. 2	↑ Housing Assembly Group (<u>HAG</u>)	108.5	183.15	291.65	379.15	
1.2. 3	↑ Connecting Element Group (<u>CEG</u>)	83.40	-	83.40	100.08	

1.2. Assembly Groups:

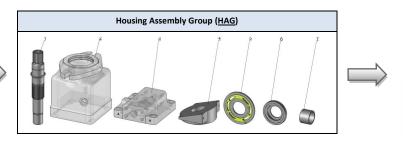
1.2.1. Working Assembly Group (WAG)

Nº	Assembly Group 1	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
1.2.1	Working Assembly Group (WAG)	105.07	280.02	385.09	500.70
1.2.1.1	1pc / Composite Cylinder Block	48.80	71.25	120.05	156.07
1.2.1.2	1pc / Pressure Plate	1.62	12.75	14.37	18.68
1.2.1.3	2pc / Bearing Bar	22.64/ 11.32	15.24/ 7.62	37.88/ 18.94	49.26/ 24.63
1.2.1.4	9pc / Composite Piston	31.41/ 3.49	161.1/ 17.9	192.51/ 21.39	250.29/ 27.81
1.2.1.5	2pc / Washer	0.44/ 0.22	10.36/ 5.18	10.8/ 5.4	14.04/ 7.02
1.2.1.6	4pc / Spacer Bushing	0.16/ 0.04	9.32/ 2.33	9.48/ 2.37	12.36/ 3.09



1.2.2. Housing Assembly Group (HAG)

Nº	Assembly Group 2	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
1.2.2	Housing Assembly Group (HAG)	108.5	183.15	291.65	379.15
1.2.2.1	Drive Shaft	6.40	33.75	40.15	52.20
1.2.2.2	Body	36.60	38.25	74.85	97.31
1.2.2.3	Rear Cover	25.0	42.00	67.00	87.10
1.2.2.4	Support Block	15.0	30.30	45.30	58.89
1.2.2.5	Distribution Plate	22.70	23.25	45.95	59.74
1.2.2.6	Front Cover	1.80	6.30	8.10	10.53
1.2.2.7	Bearing Bushing	1.0	9.30	10.30	13.39





1.2.3. Connecting Element Group (CEG)

Nº	Assembly Group 3	InV1	InV2÷5	InV1÷5	InV1÷6
1.2.3	Connecting Element Group (CEG)	83.40	-	-	-



1.2.1. Working Assembly Group (WAG)

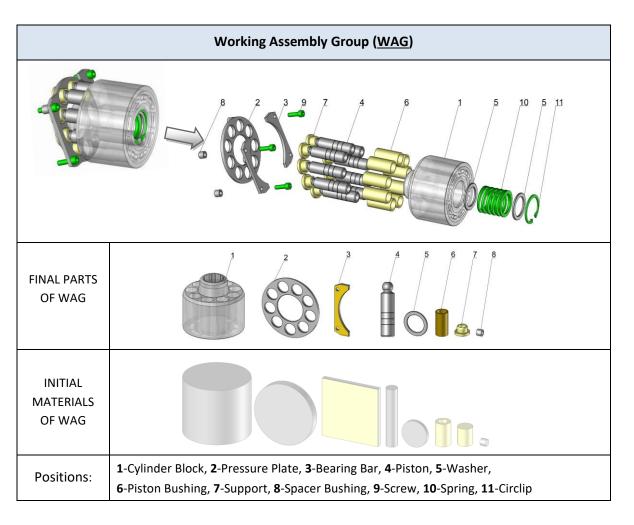


Table 1. Working Assembly Group (WAG)

1.2.2. Housing Assembly Group (HAG):

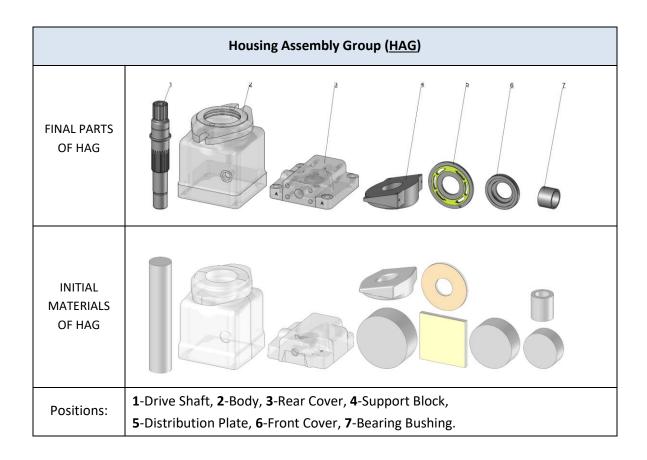


Table 2. Housing Assembly Group (<u>HAG</u>)

1.2.3. Connecting Element Group (CEG)

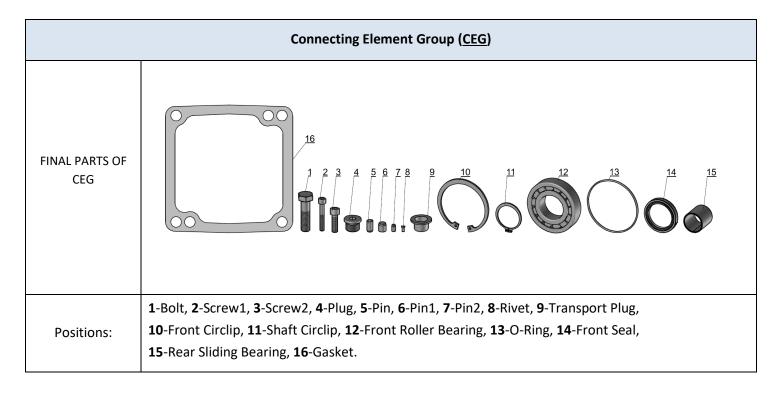
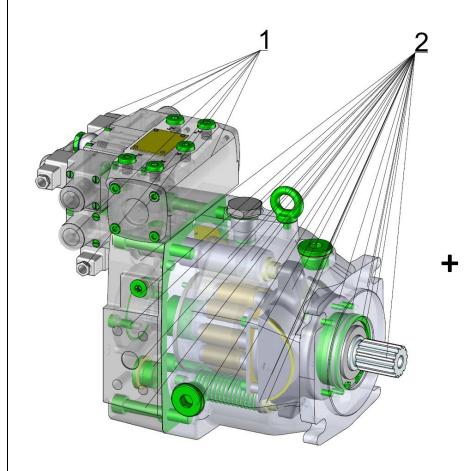


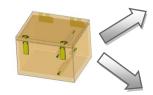
Table 3. Connecting Element Group (<u>CEG</u>)

2. Variable Axial M&P For Sale



Variant with Chinese WAG+HAG

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)	InV1÷6 +\$300
2	Variable Axial M&P For Sale	729.79	857.75	1584.54	2061.20	2361.20
2.1	↑ Packaging	7.30	2.80	10.10	12.12	
2.2	↑ Variable Axial M&P <u>Functional</u>	-	75.00	75.00	90.00	
2.2. 1	↑ Variator (<u>V</u>)	1.00	-	1.00	1.20	
2.2. 2	↑ Base Assembly Structure (<u>BAS</u>)	719.49	779.95	1499.44	1947.27	



Variant with US WAG+HAG

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)	InV1÷6 +\$300
2	Variable Axial M&P For Sale	430.80	1137.77	1541.07	2039.14	2339.14
2.1	↑ Packaging	7.30	2.80	10.10	12.12	
2.2	↑ Variable Axial M&P <u>Functional</u>	-	75	75	97.5	
2.2. 1	↑ Variator (<u>V</u>)	1.00	-	1.00	1.20	
2.2. 2	↑ Base Assembly Structure (<u>BAS</u>)	423.50	1 059.97	1 483.47	1928.59	

Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Structure of the Working Capital Flow of Axial M&P

2.2.1. Variator (<u>V</u>)

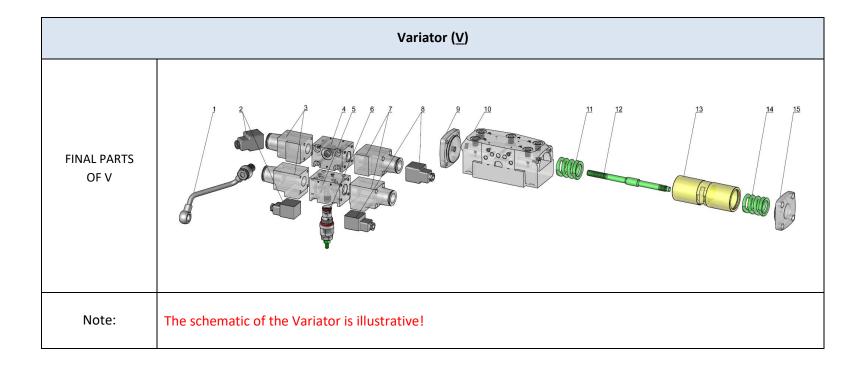
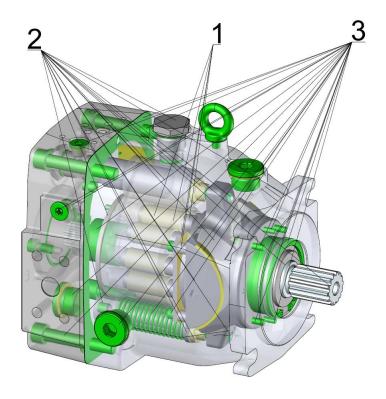


Table 4. Variator (<u>V</u>)

2.2.2. Base Assembly Structure (BAS)



Variant with Chinese WAG+HAG

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
2.2.2	Base Assembly Structure (<u>BAS</u>)	-	27.50	27.50	35.75
2.2.2. 1	↑ Working Assembly Group (<u>WAG</u>)	401.06	-	401.06	650.91
2.2.2. 2	↑ Housing Assembly Group (<u>HAG</u>)	189.20	752.45	941.65	1 224.14
2.2.2. 3	↑ Connecting Element Group (<u>CEG</u>)	129.23	-	129.23	168.00
	Total:	719.49	779.95	1499.44	1947.27

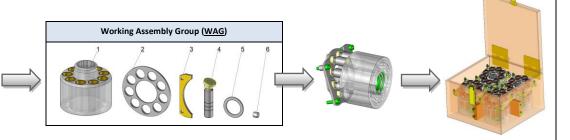
Variant with US WAG+HAG

Nº	Final Assembly Structure (<u>FAS</u>)	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
2.2.2	Base Assembly Structure (<u>BAS</u>)	-	27.50	27.50	35.75
2.2.2. 1	↑ Working Assembly Group (<u>WAG</u>)	105.07	280.02	385.09	500.70
2.2.2. 2	↑ Housing Assembly Group (<u>HAG</u>)	189.20	752.45	941.65	1 224.14
2.2.2. 3	↑ Connecting Element Group (<u>CEG</u>)	129.23	-	129.23	168.00
	Total:	423.50	1 059.97	1 483.47	1 928.59

Assembly Groups:

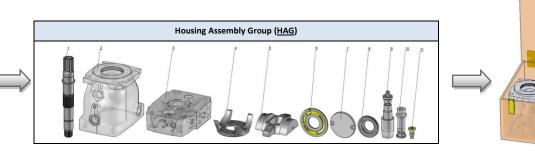
2.2.2.1. Working Assembly Group (WAG)

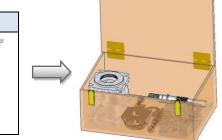
Nº	Assembly Group 1	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
1	Working Assembly Group (WAG)	105.07	280.02	385.09	500.70
1.1	1pc / Composite Cylinder Block	48.80	71.25	120.05	156.07
1.2	1pc / Pressure Plate	1.62	12.75	14.37	18.68
1.3	2pc / Bearing Bar	22.64/ 11.32	15.24/ 7.62	37.88/ 18.94	49.26/ 24.63
1.4	9pc / Composite Piston	31.41/ 3.49	161.1/ 17.9	192.51/ 21.39	250.29/ 27.81
1.5	2pc / Washer	0.44/ 0.22	10.36/ 5.18	10.8/ 5.4	14.04/ 7.02
1.6	4pc / Spacer Bushing	0.16/ 0.04	9.32/ 2.33	9.48/ 2.37	12.36/ 3.09



2.2.2.2. Housing Assembly Group (HAG)

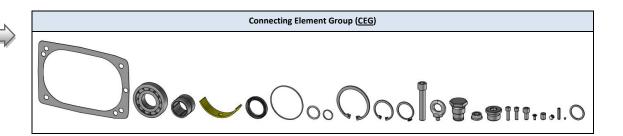
Nº	Assembly Group 2	InV1	InV2÷5	InV1÷5	InV1÷6 (30%)
2	Housing Assembly Group (HAG)	189.20	752.45	941.65	1 224.14
2.1	Drive Shaft	7.47	86.19	93.66	121.76
2.2	Body	71.25	94.95	166.20	216.06
2.3	Rear Cover	62.55	101.03	163.58	212.66
2.4	Flange Bearing	8.15	47.46	55.61	72.30
2.5	Yoke	10.68	102.71	113.39	147.41
2.6	Distribution Plate	22.70	49.73	72.43	94.16
2.7	Rear Cap	0.57	29.70	30.27	39.35
2.8	Front Cover	1.80	35.49	37.29	48.48
2.9	Servo-Mechanism	6.34	81.41	87.75	114.08
2.10	Hydro-Mechanism	4.96	89.17	94.13	122.38
2.11	Composite Piston	2.73	34.61	37.34	48.55





2.2.2.3. **Connecting Element Group (CEG)**

Nº	Assembly Group 3	InV1	InV2÷5	InV1÷5	InV1÷6	
3	Connecting Element Group (CEG)	129.23	-	-	-	



2.2.2.1. Working Assembly Group (WAG)

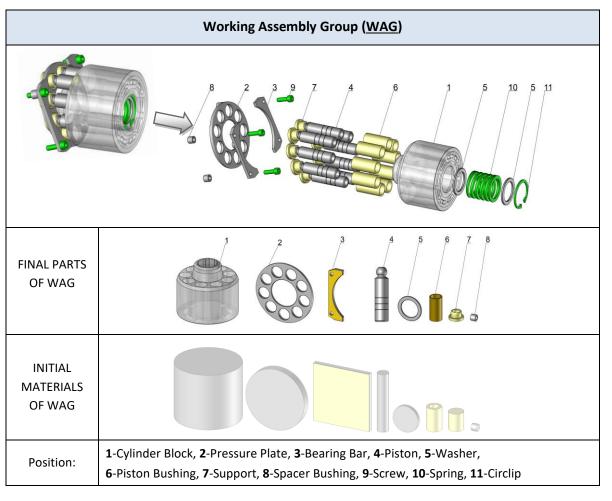


Table 5. Working Assembly Group (WAG)

2.2.2.2. Housing Assembly Group (HAG)

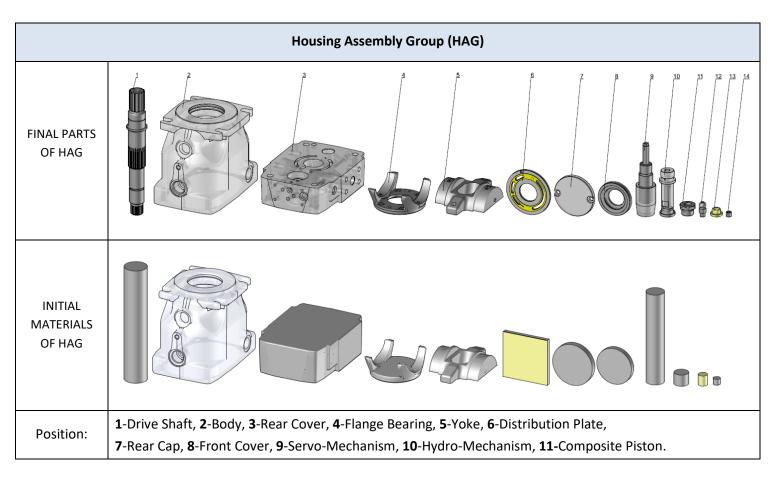


Table 6. Housing Assembly Group (<u>HAG</u>)

2.2.2.3. Connecting Element Group (CEG)

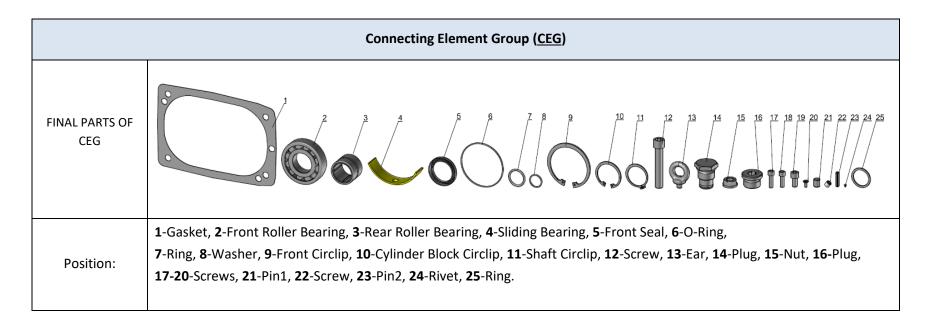


Table 7. Connecting Element Group (CEG)

- **3.** During <u>testing</u> Axial M&P are subjected to Functional and Resource Examination:
 - **3.1.Functional Examination** covers two main types of testing:
 - **3.1.1. Engineering Testing** an operation designed to establish statistical and computational metrics for the prescribed technical parameters. It is performed under load in order to derive the complete performance profile of the unit under actual operating conditions.



Figure 1. Example test bench for Engineering testing of Axial M&P

3.1.2. Production Testing – intended for routine testing of the Axial M&P in the production workflow, yielding part of the parameters defined in the technical documentation.





Figure 2. Example test bench for <u>Production</u> testing of Axial M&P

3.2. Resource Examination – an operation designed to establish statistical and computational metrics for the prescribed resource parameters.

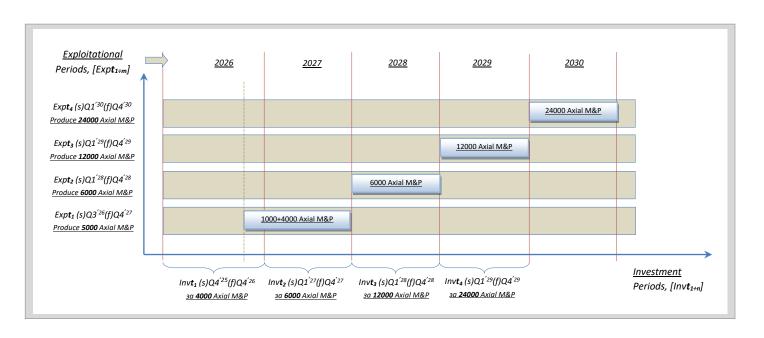


Figure 3. Example test bench for Resource testing of Axial M&P

Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Development of Technological Environment of Axial Flow Dynamics Complex

Investment and Exploitational Period of Axial Flow Dynamics



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)

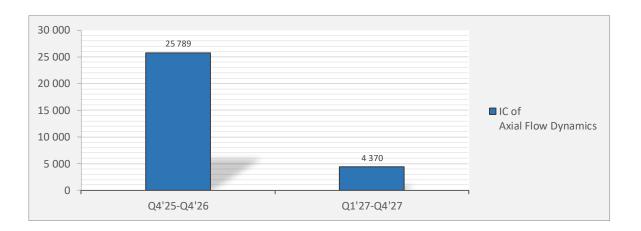
Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Development of Technological Environment of Axial Flow Dynamics Complex

Investment Costs (IC) of Axial Flow Dynamics Program

Development of a new Enterprise

Investment Costs (IC) thousands USD				
Time Int.	IC of Axial Flow Dynamics			
Q4'25-Q4'26	25 789			
Q1'27-Q4'27	4 370			

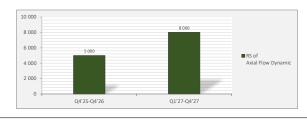


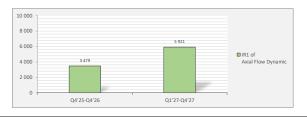
Financial Overview of Axial Flow Dynamics Program

Development of a new Enterprise



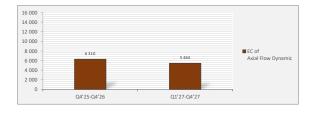
Industrial Result 1 (IR1) of APHMP in thousand USD		
Time Int.	IR1 of Axial Flow Dynamic	
Q4'25-Q4'26	3 479	
Q1'27-Q4'27	5 921	

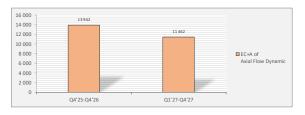




	ntional Costs (EC) ousands USD
Time Int.	EC of Axial Flow Dynamic
Q4'25-Q4'26	6 310
Q1'27-Q4'27	5 464

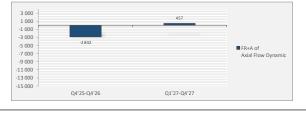
Exploatational Costs + Amortization (EC+A) in thousands USD		
Time Int.	EC+A of Axial Flow Dynamic	
Q4'25-Q4'26	13 942	
Q1'27-Q4'27	11 462	

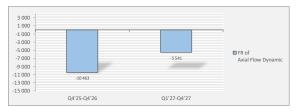


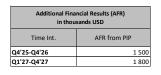


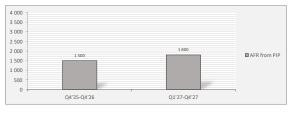
Final Result + Amortization (FR+A) in thousands USD					
Time Int.	FR+A of Axial Flow Dynamic				
Q4'25-Q4'26	-2 832				
Q1'27-Q4'27 4					

Final Result (FR) in thousands USD					
Time Int.	FR of Axial Flow Dynamic				
Q4'25-Q4'26	-10 463				
Q1'27-Q4'27 -5 541					



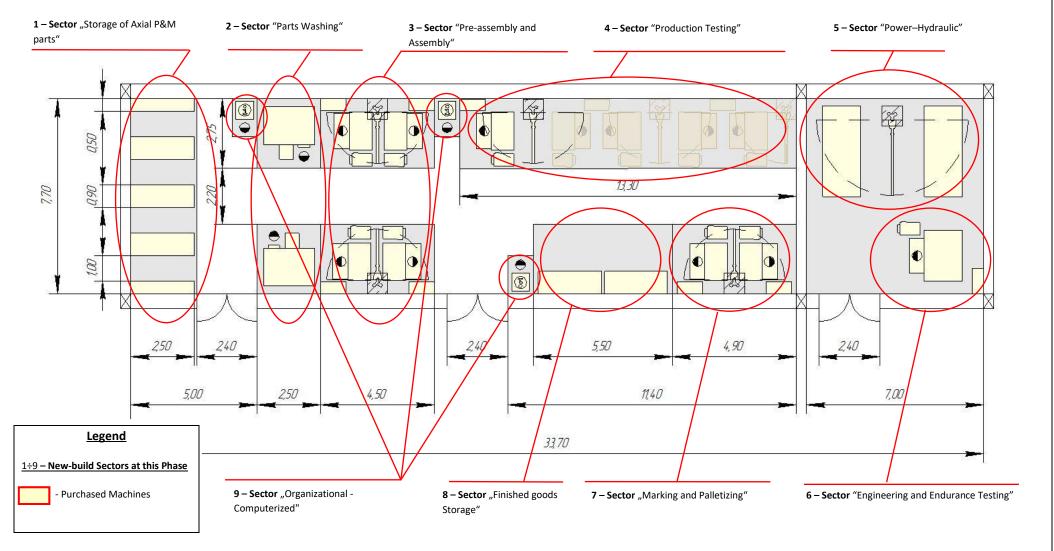




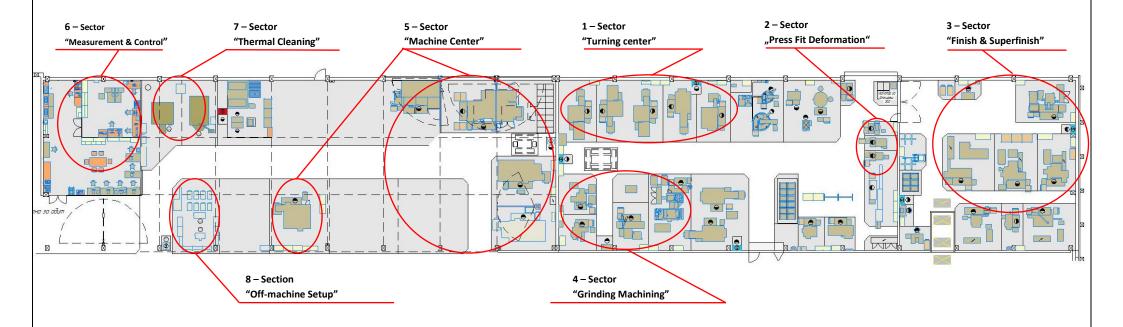


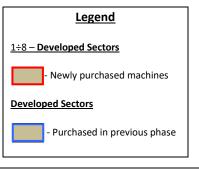
1st Investment Period (for 5000 constant Axial M&P)

1.1. Drawing of the Technical Environment - Investment at "Workshop 1" For Q4'25 ÷ Q4'26



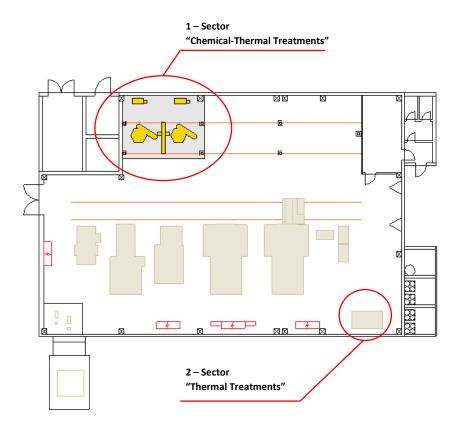
- 1.2. <u>Drawing of the Technical Environment Investment</u> at "Workshop 2" (for **5000** constant Axial M&P)
 - 1.2.1. <u>Drawing of Sector Metalworking</u> at "Workshop 2" For **Q4'25** ÷ **Q4'26**





1.2.2. <u>Drawing of Sector Heat Treatment</u> at "Workshop 2" For **Q4'25 ÷ Q4'26** (for **5000** constant Axial M&P)





1.3. Investment Expenditures for Project for High-tech Product during Q4'25. ÷ Q4'26. (for 5000 constant Axial M&P)

Time Intervo	l: Q4'25-Q4'26					
		Q4'25	Q1'26	Q2'26	Q3'26	Q4'26
lı lı	vestment Costs (IC), l	JSD 17 821 125	5 681 713	974 350	653 400	658 400
Description	code	IC (USD)	IC (USD)	IC (USD)	IC (USD)	IC (USD)
Management Costs	1111	81 000	81 000	81 000	81 000	81 000
Labor Costs (Wages)	1112	462 000	462 000	703 500	462 000	462 000
Additional Labor Costs	1113	92 400	92 400	140 700	92 400	92 400
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	127 725	37 313	150	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	17 030 000	4 975 000	20 000	0	0

1.3.1. Details about Investment Expenditures for Project for High-tech Product during Q4'25 ÷ Q4'26 (for 5000 constant Axial M&P)

Article: Technical Elements for Environment* 142

	Total:						
Q4'25	Q4'25 Q1'26 Q2'26 Q3'26 Q4'26						
\$17 030 000	\$4 975 000	\$20 000	\$0	\$0	\$0	\$22 025 000	

Nº	Description					
1	Provision of premises – 1000 m² × \$ 1 500	1 500 000			\$1 500 0	000
2	Provision of premises – 5000 m² × \$ 1 500	7 500 000			\$7 500 0	
3	Provision of premises – 2000 m² × \$ 800	1 600 000			\$1,600.0	_
4	Test Bench for Production Testing	500 000			\$500 0	000
5	Test Bench for Endurance Testing	500 000			\$500 0	000
6	Assembly Equipment		100 000		\$100.0	000
7	Packaging Equipment			10 000	\$10.0	000
8	Marking Equipment			10 000	\$10.0	000
9	Washing & Cleaning Equipment		100 000		\$100 0	000
10	Elevator Storage "Shuttle"		150 000		\$150 0	000
11	Vacuum Nitriding Furnaces - 2pcs		1 000 000		\$1 000 0	000
12	Integrex	500 000			\$500 0	000
13	IPASA110	500 000			\$500 0	000
14	Universal Measuring Instruments	20 000			\$20 0	000
15	Column Drilling Machine (CDM)	10 000			\$10.0	000
16	Hydraulic Press for Press-Fitting Bearing and Piston		60 000		\$60.0	000
17	CNC-Controlled Lathe – QTN100PP, 3 pcs.		300 000		\$300 0	000
18	Herminghausen		20 000		\$20 0	000
19	Fencing and air-conditioning of the "Finish Machining" section	100 000			\$100 0	000
20	General exchange ventilation for the Thermal section		40 000		\$40.0	000
21	Modernization of the gas supply system		30 000		\$30 0	000
22	3 pcs CNC lathes – Okuma	300 000			\$300 0	000
23	1 pc surface grinder Okuma	300 000			\$300 0	000
24	1 pc centerless grinder Okuma	200 000			\$200 0	000
25	2 pcs Okuma for gearing	1 000 000			\$1 000 0	000
26	1pc Double disc grinder	1 000 000			\$1 000 0	000
27	Furnace for nitrocarburizing		1 000 000		\$1 000 0	000
28	Shot blasting machine with washer	1 000 000			\$1 000 0	000

Analysis of the new Enterprise Development Program for Axial Piston Hydraulic Motors and Pumps (Axial Flow Dynamics)

Development of Technological Environment of Axial Flow Dynamics Complex

29	Milling and countersinking machine type PRD		150 000		\$150 000
30	Supfina for superfinishing of spherical surfaces	500 000			\$500 000
31	Supfina for superfinishing of cylindrical surfaces		500 000		\$500 000
32	5-axis CNC milling machine Okuma		400 000		\$400 000
33	2-pallet horizontal milling machine		750 000		\$750 000
34	Laboratory - Coordinate Measuring Machine (CMM)		100 000		\$100 000
35	Microscope		75 000		\$75 000
36	Equipment		100 000		\$100 000
37	Gear hobbing machine		100 000		\$100 000

Article: Labor Costs (Wages) 1112

	Time Step							
Q4'25	Q4'25 Q1'26 Q2'26 Q3'26 Q4'26							
\$462 000	\$462 000	\$703 500	\$462 000	\$462 000	\$0	\$2 551 500		

N∘	Description						
1	Permanent team of employees – average 22 persons per month × \$ 7 000	462 000	462 000		462 000	462 000	\$1 848 000
2	Permanent team of employees – average 32 persons per month × \$ 7 000			672 000			\$672 000
3	Part-time team of employees – average 3 persons per month × \$ 3 500			31 500			\$31 500

Maintenance, Restoration & Modernization of
Article: Technical Environment 1123

		Time S	tep			Total:
Q4'25	Q1'26	Q2'26	Q3'26	Q4'26		
\$127 725	\$37 313	\$150	\$0	\$0	\$0	\$165 188

Nº	Description					
1	Maintenance	127 725	37 313	150		\$165 188

1.4. Exploatational Costs for Project for High-tech Product during Q3'26-Q4'27' (for 5000 constant Axial M&P)

Time Interval	Q3'26-Q4'27					
			Q3'26	Q4'26	Q1-Q4'27	
Exploatational Costs + A	mortization (EC+	+A), USD.	2 058 972	2 073 272	9 809 364	0
	Amortization (1	31), USD.	1 249 928	1 249 928	5 131 392	0
Exploa	tational Costs (I	C), USD.	809 044	823 344	4 677 972	0
Description	code		EC (USD)	EC (USD)	EC (USD)	EC (USD)
Management costs	1111		81 000	81 000	324 000	
Labor costs (wages)	1112		522 000	522 000	3 264 000	
Additional labor costs	1113		104 400	104 400	652 800	
Maintenance, restoration & modernization of the technical environment	1123		14 802	14 802	59 207	
Courier services & vehicle rental	1125		10 000	10 000	40 000	
Electricity supply	1131		32 595	32 595	130 378	
Fuel for transportation	1135		8 400	8 400	33 600	
Representation expenses & advertising	1141			10000	20000	
Penalties & claims	1161			4 300	10 600	·
Technical elements of the environment	122		35 847	35 847	143 387	·

1.4.1. Details about 1.4. Exploatational Costs for Project for High-tech Product during Q3'26' ÷ Q4'27' (for 5000 constant Axial M&P)

Article: Amortizations 131

		Time S	teps	Total:		
Q3'26	Q3'26 Q4'26 Q1-Q4'27					
\$1 249 928	\$1 249 928	\$5 131 392		\$7 631 247		

		Description								
N∘		Investment Flow								
	Period of Investment	Total	33%	20%	4%					
1	Q4'26-Q3'27	25 130 588	0	24 965 550	165 038	1 249 928	1 249 928	4 999 712		\$7 499 567
2	Q4'27	658 400	0	658 400	0	·		114 480		\$131 680

Article: Labor costs (wages) 1112

		Time St	eps	Total:
Q3'26	Q4'26	Q1-Q4'27		
\$522 000	\$522 000	\$3 264 000		\$4 308 000

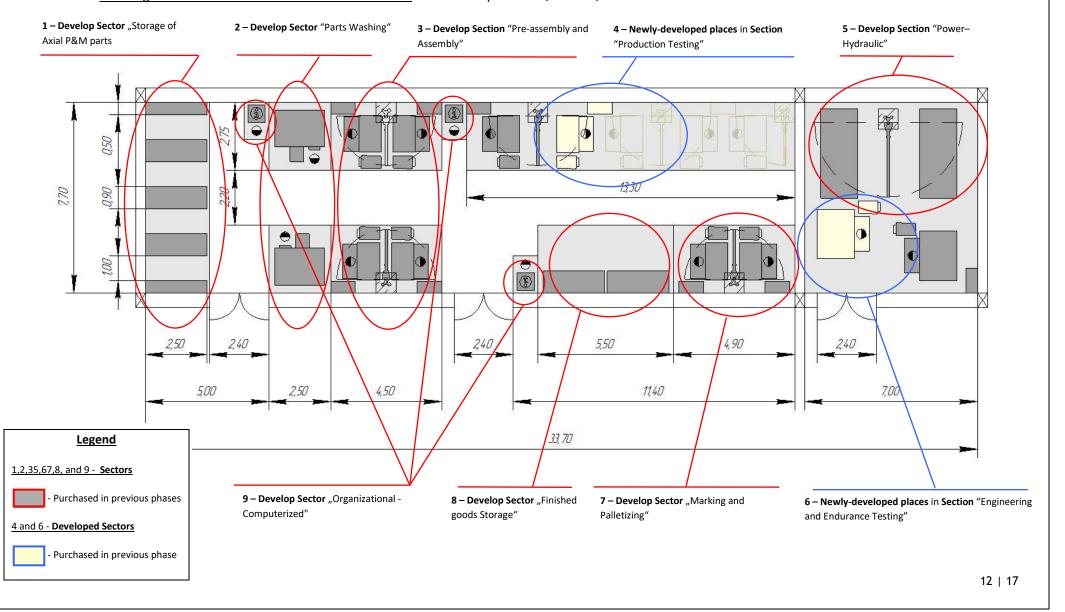
N∘	Description					
1	WS1 Permanent team of employees – average 3 persons per month × \$ 7 000	63 000	63 000	252 000		\$378 000
2	WS1 Part-time team of employees – average 8 persons per month × \$ 3 500	84 000	84 000	336 000		\$504 000
3	WS2 Permanent team of employees – average 14 persons per month × \$ 7 000	294 000	294 000	1 176 000		\$1 764 000
4	WS2 Part-time team of employees – average 28 persons per month × \$ 3 500			1 176 000		\$1 176 000
5	Environemnt Modeling Enigneering team – average 3 persons per month × \$ 9 000	81 000	81 000	324 000		\$486 000

2nd Investment Period (for 6000 constant Axial M&P)

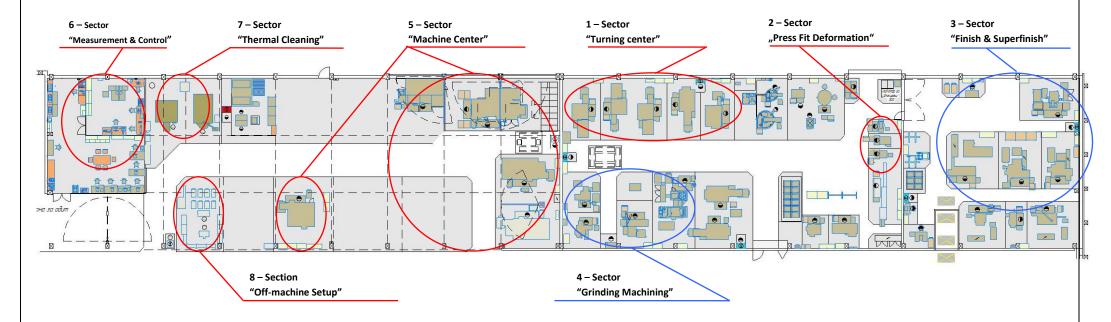
Warehouse: **Assembly, Testing and Packing**

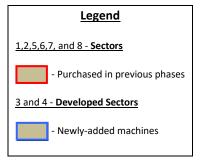
(for 6000 constant Axial M&P)

2.1. Drawing of the Technical Environment - Investment at "Workshop 1" For Q1'27 ÷ Q4'27



- 2.6. <u>Drawing of the Technical Environment Investment</u> at "Workshop 1" during Q1'27 ÷ Q4'27 (за 6000 Константни АБХИз-а)
 - 2.6.1. Metalworking in Workshop 1 during Q1'27 ÷ Q4'27





13 | 17

2.2. Investment Expenditures for Project for High-tech Product during Q1'27 ÷ Q4'27' (for 6000 constant Axial M&P)

Времеви Интервал:	Q1'27	-Q4'27					
			Q1'27-Q4'27				
Inve	stment Cost	s (IC), USD	4 369 500	0	0	0	0
Description	code		IC(USD)	IC(USD)	IC(USD)	IC(USD)	IC(USD)
Management Costs	1111		324 000				
Labor Costs (Wages)	1112		1 848 000				
Additional Labor Costs	1113		369 600				
Business Travel Expenses – Transportation & Daily Allowances	1114		4 000				
Consulting	1121		220 000				
Maintenance, Restoration & Modernization of Technical Environment	1123		45 900				
Courier Services & Transportation Rental	1125		4 000				
Representation Expenses & Advertising	1141		20 000				
Organizational Elements of the Environment (excl. Wages)*	141		4 000				
Technical Elements of the Environment*	142		1 530 000				

2.2.1. Details about Investment Expenditures for Project for High-tech Product during Q1'27 ÷ Q4'27: (for 6000 constant Axial M&P)

Article: Technical Elements for Environment* 142

		Time S	tep			Total:
Q1'27-Q4'27						
\$1 530 000	\$0	\$0	\$0	\$0	\$0	\$1 530 000

N∘	Description					
1	2 pcs. Test benches for functional and endurance testing of variable Axial M&P	1 000 000				\$1 000 000
2	Measurement, processing, and equipping kits for variable Axial M&P	30 000				\$30 000
3	1 pc surface grinder Okuma	300 000				\$300 000
4	1 pc centerless grinder Okuma	200 000	•			\$200 000

Article: Labor Costs (Wages) 1112

Time Step Total:

	Time Step									
Q1'27-Q4'27										
\$1 848 000	\$0	\$0	\$0	\$0	\$0	\$1 848 000				

N∘	Description				
1	WS 1 Permanent team of employees – average 11 persons per month × \$ 7 000	924 000			\$739 200
2	WS 2 Permanent team of employees – average 11 persons per month × \$ 7 000	924 000			\$739 200

Maintenance, Restoration & Modernization of
Article: Technical Environment 1123

Time Step Total:

	Time Step											
Q1'27-Q4'27												
\$45 900	\$0	\$0	\$0	\$0	\$0	\$45 900						

N∘	Description				
1	Maintenance	45 900			\$45 900

2.3. Exploatational Costs for Project for High-tech Product during Q1'28 ÷ Q4'28 (for 6000 constant Axial M&P)

Time Interval: Q1'28-Q4'28												
Q1'28-Q4'28												
Exploatational Costs + Am	ortization (EC-	FA), USD.	11 461 959	0	0	0						
A	mortization (1	31), USD.	5 997 948	0	0	0						
Exploita	tional Costs (EC), USD.	5 464 011	0	0	0						
Definition	code		EC (USD)	EC (USD)	EC (USD)	EC (USD)						
Management costs	1111		324 000									
Labor costs (wages)	1112		3 816 000									
Additional labor costs	1113		763 200									
Maintenance, restoration & modernization of the technical environment	1123		71 963									
Courier services & vehicle rental	1125		40 000									
Electricity supply	1131		209 821									
Fuel for transportation	1135		33 600									
Representation expenses & advertising	1141		20 000			·						
Penalties & claims	1161		11 874			·						
Technical elements of the environment	122		173 553			·						

2.3.1. Details about Investment Expenditures for Project for High-tech Product during Q1'28 ÷ Q4'28 (for 6000 constant Axial M&P)

Article: Amortizations 131

		Time Step	os			Total:
Q1'28-Q4'28						
\$5 997 948	\$0	\$0	\$0	\$0	\$0	\$5 997 948

	Description								
N∘	Investment Flow								
	Period of Investment	Total	33%	20%	4%				
1	Q4'25-Q3'26	25 130 588	0	24 965 550	165 038	4 999 712			\$4 999 712
2	Q4'26	658 400	0	658 400	0	131 680			\$131 680
3	Q1'27-Q4-27	4 369 500	0	4 323 600	45 900	866 556			\$866 556

Article: Labor Costs (Wages) 1112

	Total:					
Q1'28-Q4'28						
\$3 816 000	\$0	\$0	\$0	\$0	\$0	\$3 816 000

Nº	Description				
1	WS1 Permanent team of employees – average 4 persons per month × \$ 7 000	336 000			\$336 000
2	WS1 Part-time team of employees – average 8 persons per month × \$ 3 500	336 000			\$336 000
3	WS2 Permanent team of employees – average 17 persons per month × \$ 7 000	1 428 000			\$1 428 000
4	WS2 Part-time team of employees – average 28 persons per month × \$ 3 500	1 176 000			\$1 176 000
5	Environemnt Modeling Enigneering team – average 5 persons per month × \$ 9 000	540 000			\$540 000