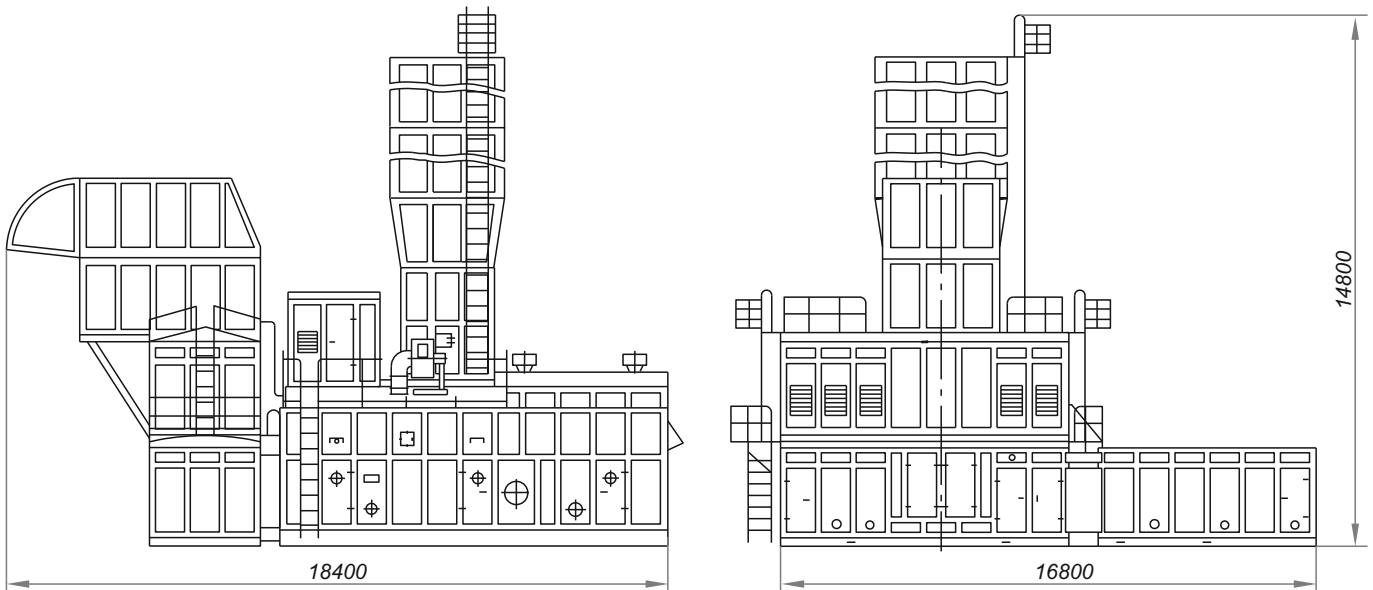


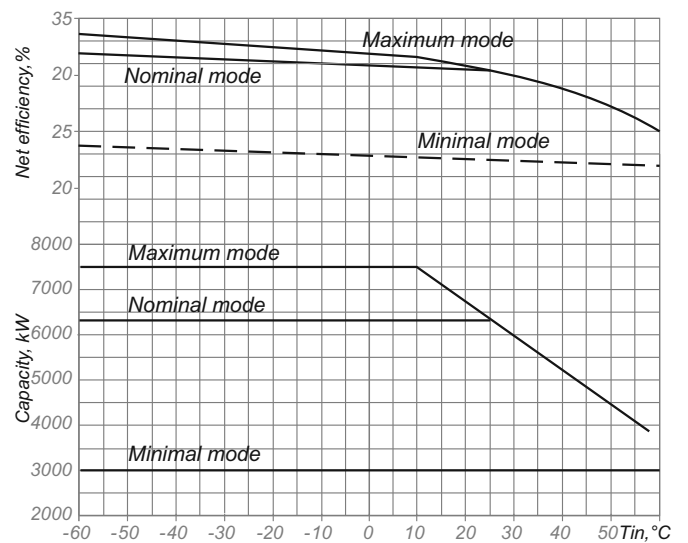
Gas Pumping Units

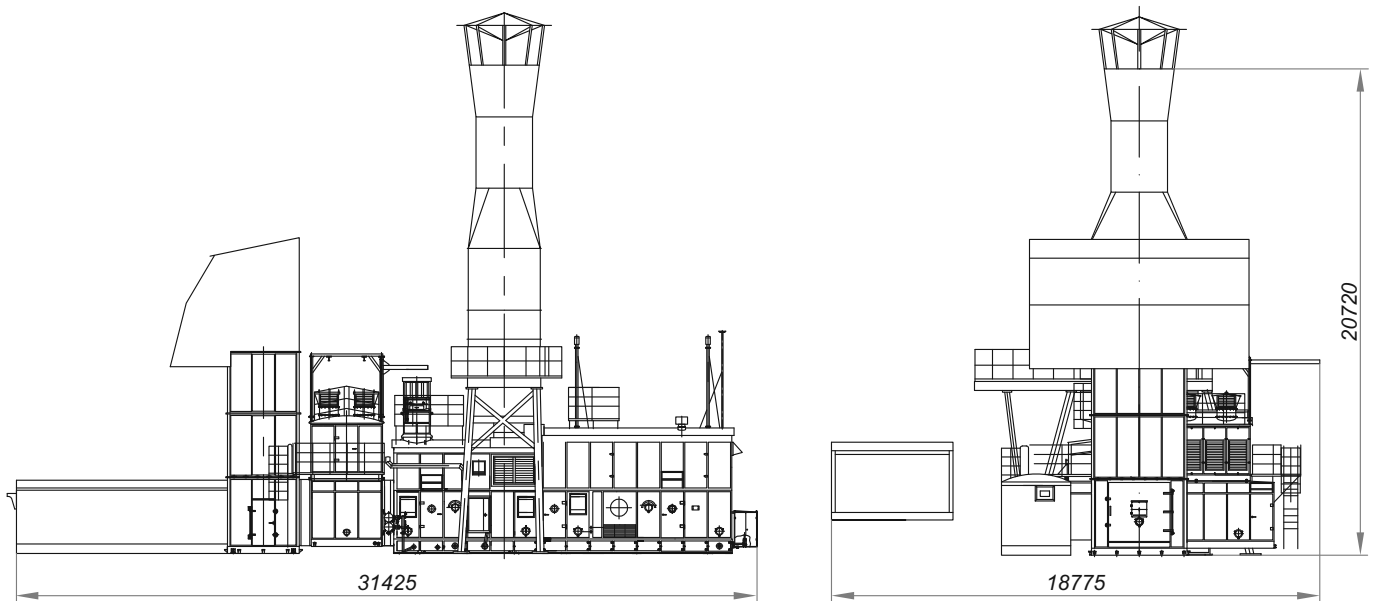




Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	3.3
Suction pressure	kgf/cm ²	6.0
Discharge pressure	kgf/cm ²	14.0
Pressure ratio, design		2.3
Engine type	Gas-turbine D-336-2T	
Nominal capacity at engine's coupling (under stationary conditions)	MW	6.3
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	30.0
Compressor type	224GC2-375/6-14A	
Unit weight (dry) in the scope of supply, max	kg	110000

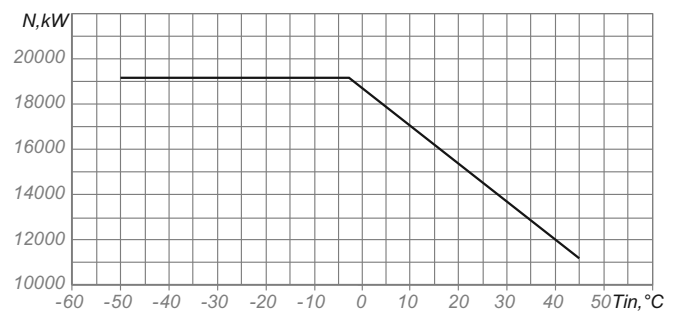
Capacity limitations of D-336-2T
depending on air temperature
at the engine's inlet

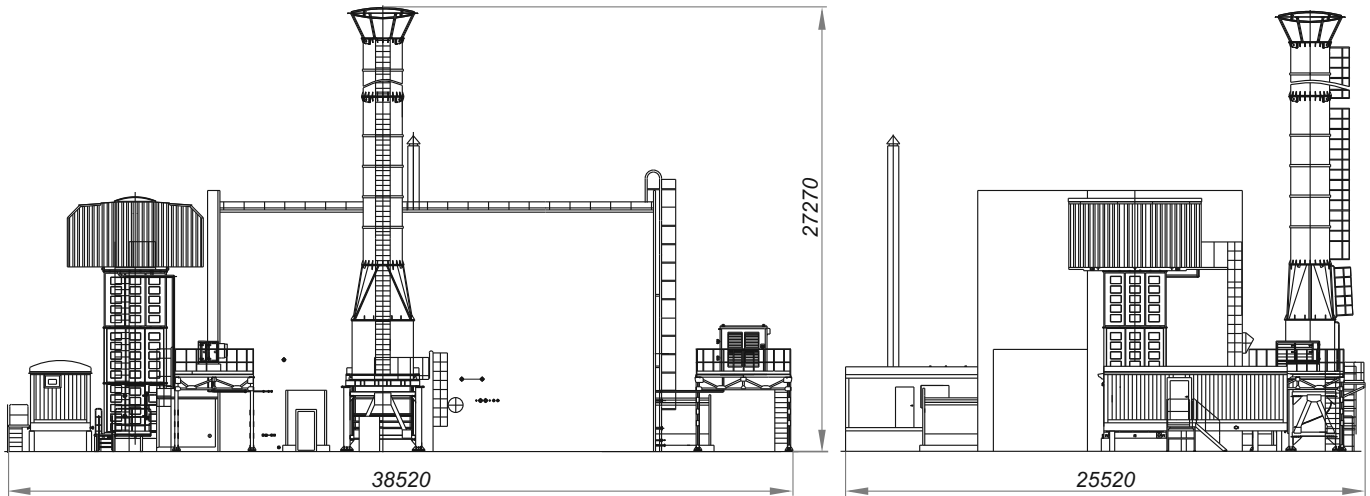




Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	8.3
Suction pressure	kgf/cm ²	7.0
Discharge pressure	kgf/cm ²	21.0
Pressure ratio, design		3.0
Engine type	Gas-turbine DG90L2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	33.5
Compressor type	295GC2-800/7-21M1	
Unit weight (dry) in the scope of supply, max	kg	175000

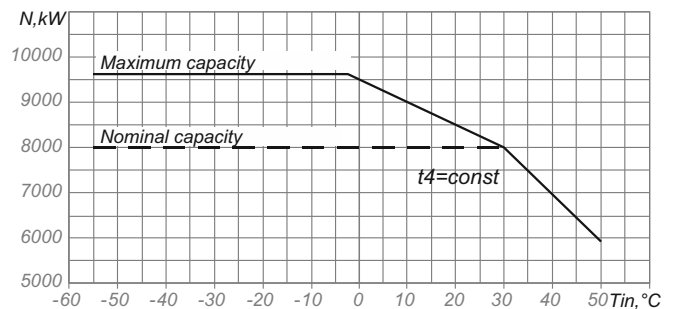
Capacity limitations of DG90
depending on air temperature
at the engine's inlet



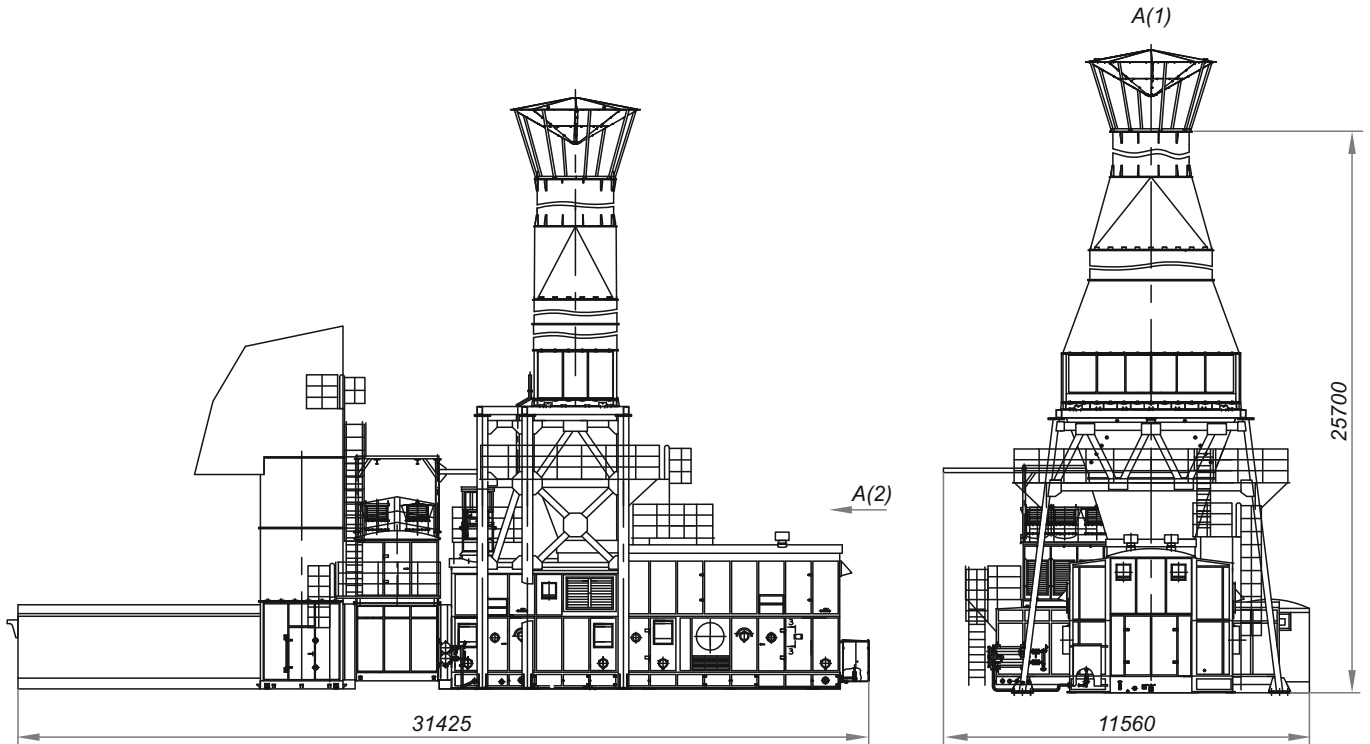


Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	6.0
Suction pressure	kgf/cm ²	10.0
Discharge pressure	kgf/cm ²	20.0
Pressure ratio, design		2.0
Engine type	Gas-turbine GTD-6.3RM/8 on frame	
Nominal capacity at engine's coupling (under stationary conditions)	MW	8.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	33.0
Compressor type	294GC2-410/10-20M1235	
Unit weight (dry) in the scope of supply, without shelter, max	kg	319000

Capacity limitations of GTD-6,3RM/8
depending on air temperature
at the engine's inlet

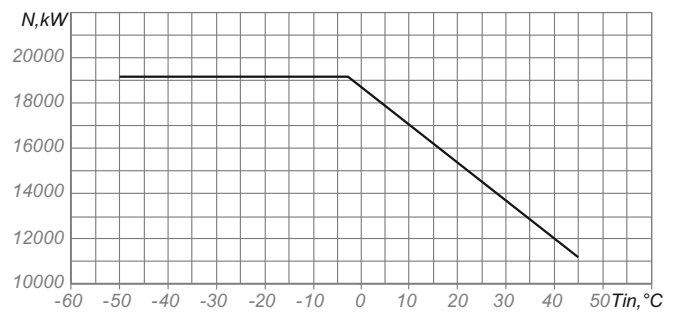


12 Gas Pumping Unit GPA-C5-16S/21-2.2

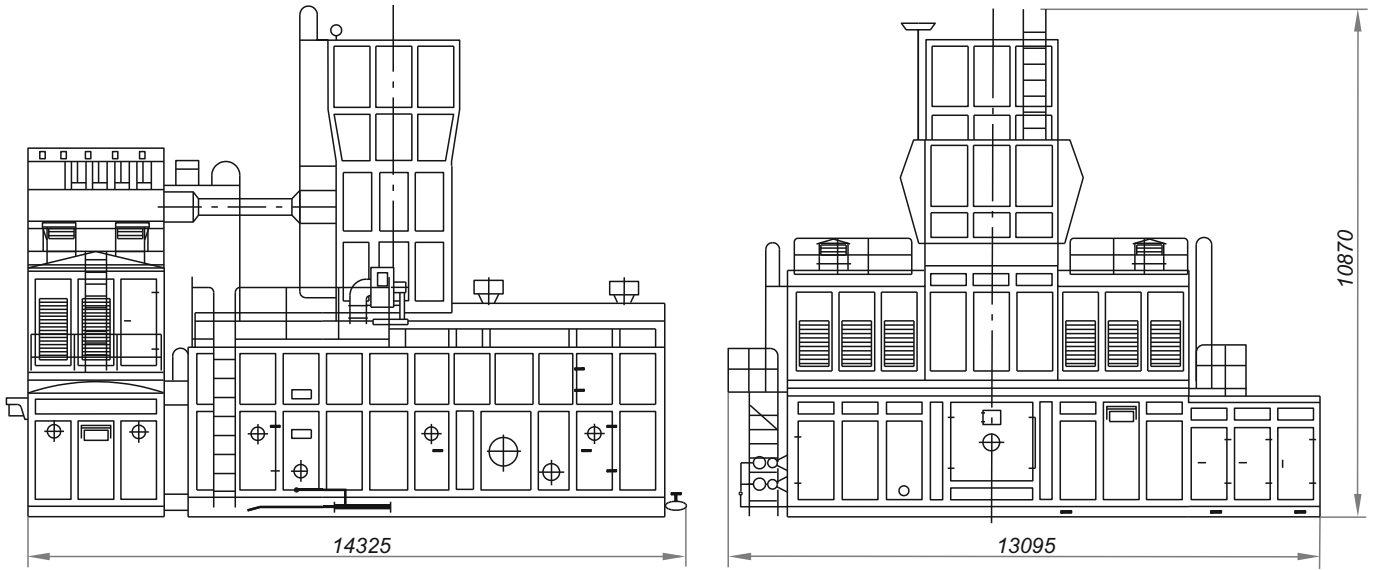


Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	12.5
Suction pressure	kgf/cm ²	10.0
Discharge pressure	kgf/cm ²	21.0
Pressure ratio, design		2.2
Engine type	Gas-turbine DG90L2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	33.5
Compressor type	295GC2-880/9.5-21	
Unit weight (dry) in the scope of supply, max	kg	245000

Capacity limitations of DG90 depending on air temperature at the engine's inlet

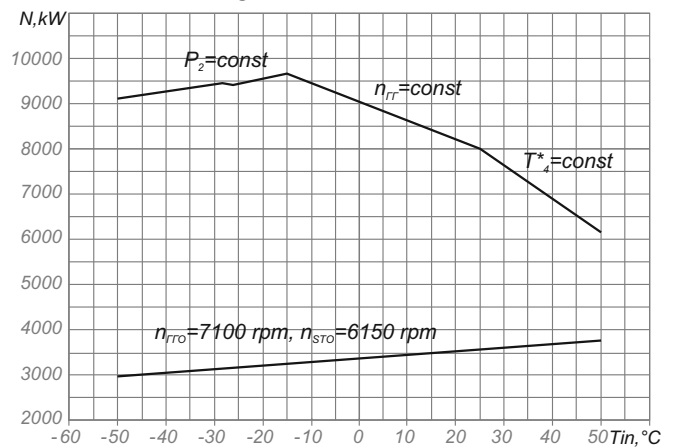


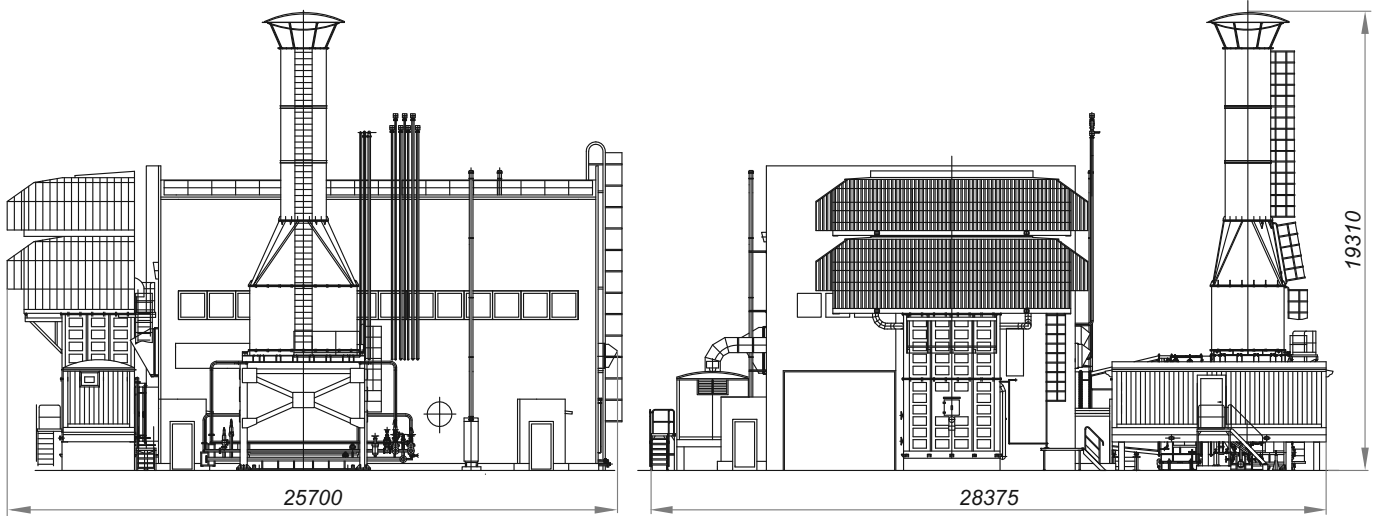
13 Gas Pumping Unit GPA-C-8B/41-2.2



Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	5.0
Suction pressure	kgf/cm ²	18.0
Discharge pressure	kgf/cm ²	41.0
Pressure ratio, design		2.2
Engine type	Gas-turbine NK-14ST-8	
Nominal capacity at engine's coupling (under stationary conditions)	MW	8.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	30.0
Compressor type	225GC2-200/19-41	
Unit weight (dry) in the scope of supply, max	kg	95000

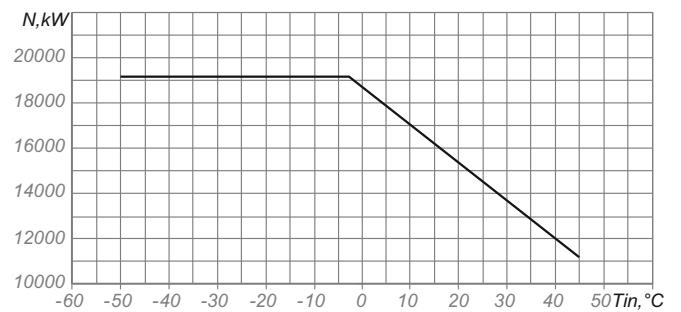
Capacity limitations of NK-14ST-8 depending on air temperature at the engine's inlet with regard to inlet and outlet losses



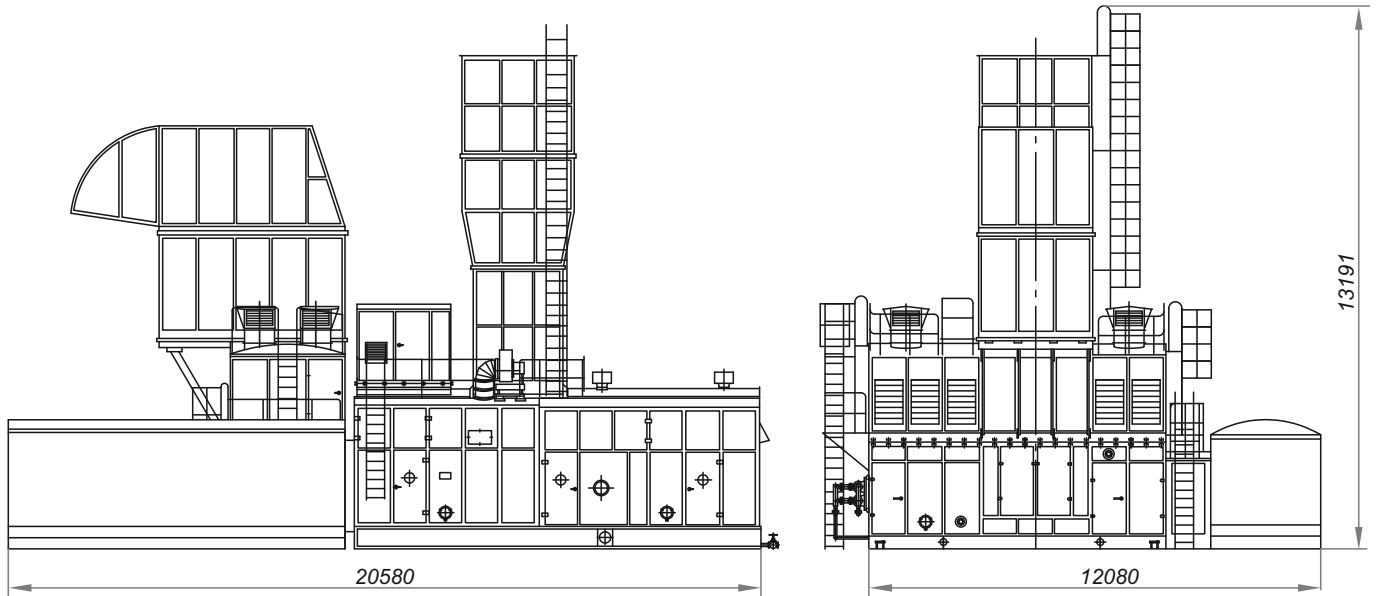


Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	12.0
Suction pressure	kgf/cm ²	33.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		2.2
Engine type	Gas-turbine DG90L2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	33.5
Compressor type	295GC2-215/35-76M1	
Unit weight (dry) in the scope of supply, max	kg	255000

Capacity limitations of DG90
depending on air temperature
at the engine's inlet

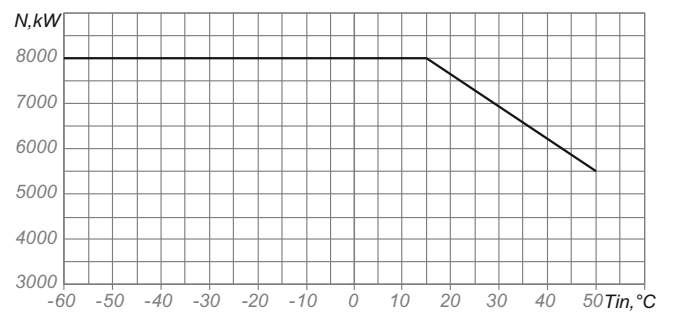


15 Gas Pumping Unit GPA-C-8A/55-1.7

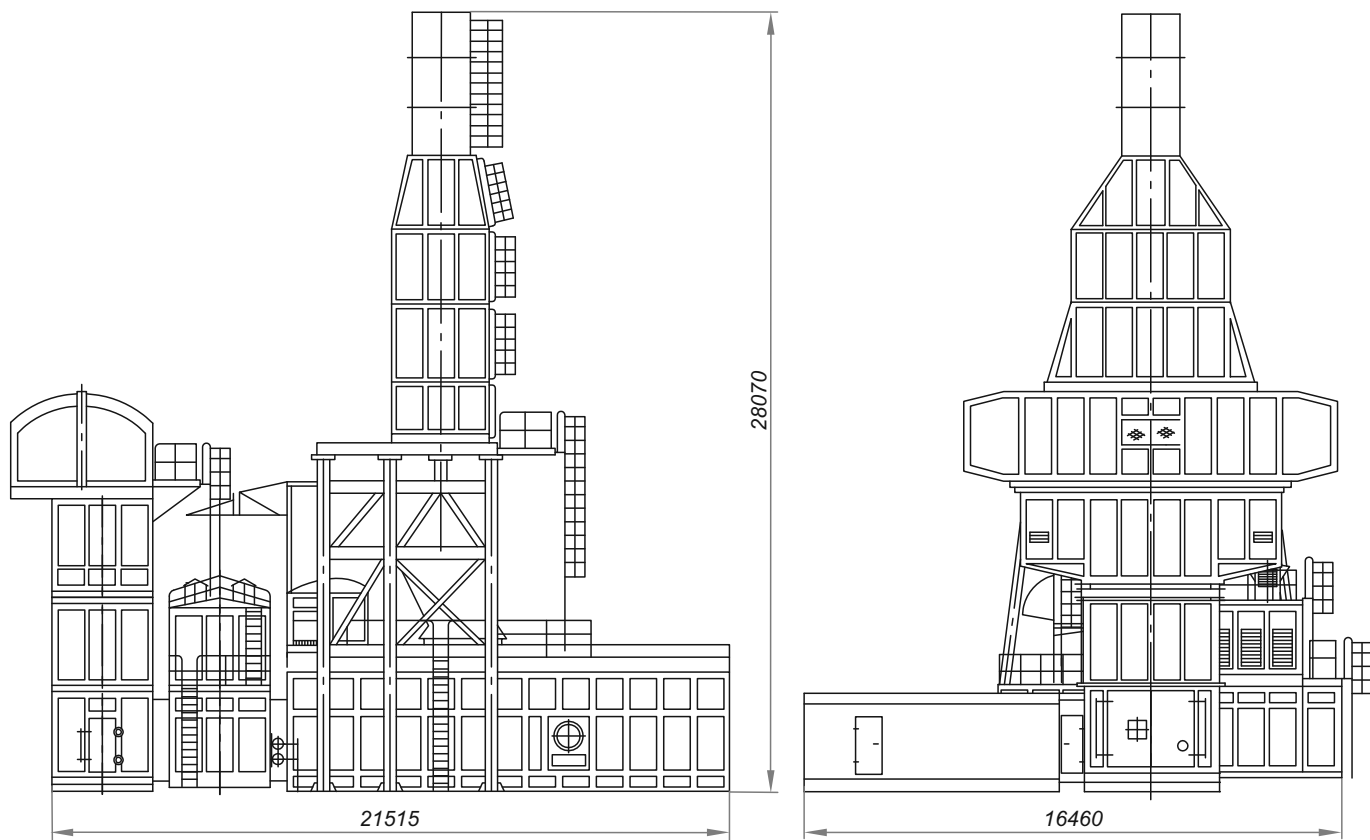


Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	8.0
Suction pressure	kgf/cm ²	33.0
Discharge pressure	kgf/cm ²	55.0
Pressure ratio, design		1.7
Engine type	Gas-turbine AI-336-2-8	
Nominal capacity at engine's coupling (under stationary conditions)	MW	8.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	31.8
Compressor type	8GC2-160/33-56	
Unit weight (dry) in the scope of supply, max	kg	110000

Capacity limitations of AI-336-2-8
depending on air temperature
at the engine's inlet

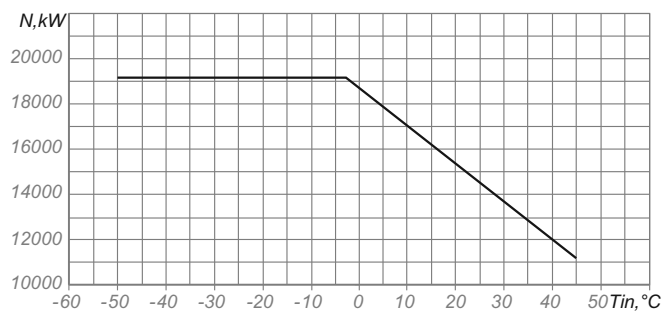


16 Gas Pumping Unit GPA-C5-16S/76-2.2

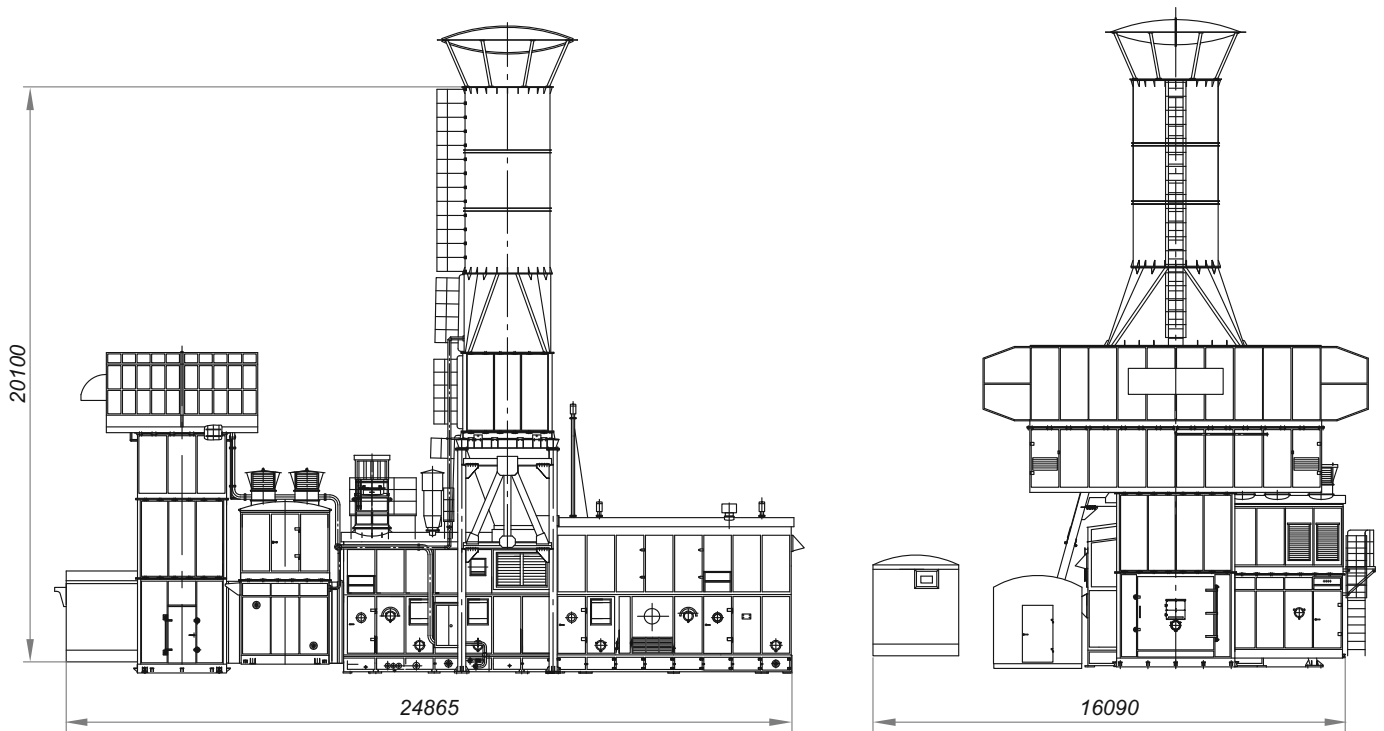


Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	12.0
Suction pressure	kgf/cm ²	34.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		2.2
Engine type	Gas-turbine DG90L2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	34.0
Compressor type	295GC2-230/35-76	
Unit weight (dry) in the scope of supply, max	kg	245000

Capacity limitations of DG90 depending on air temperature at the engine's inlet

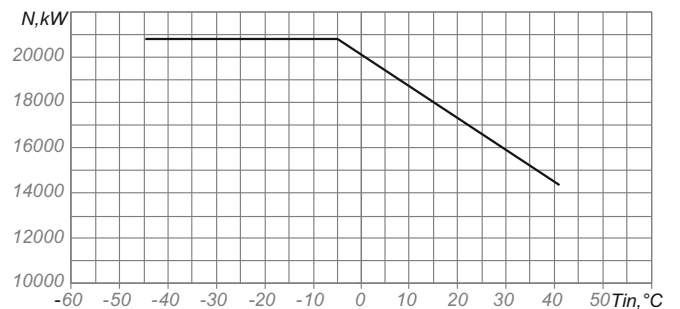


17 Gas Pumping Unit GPA-C-16/73-2.1M1

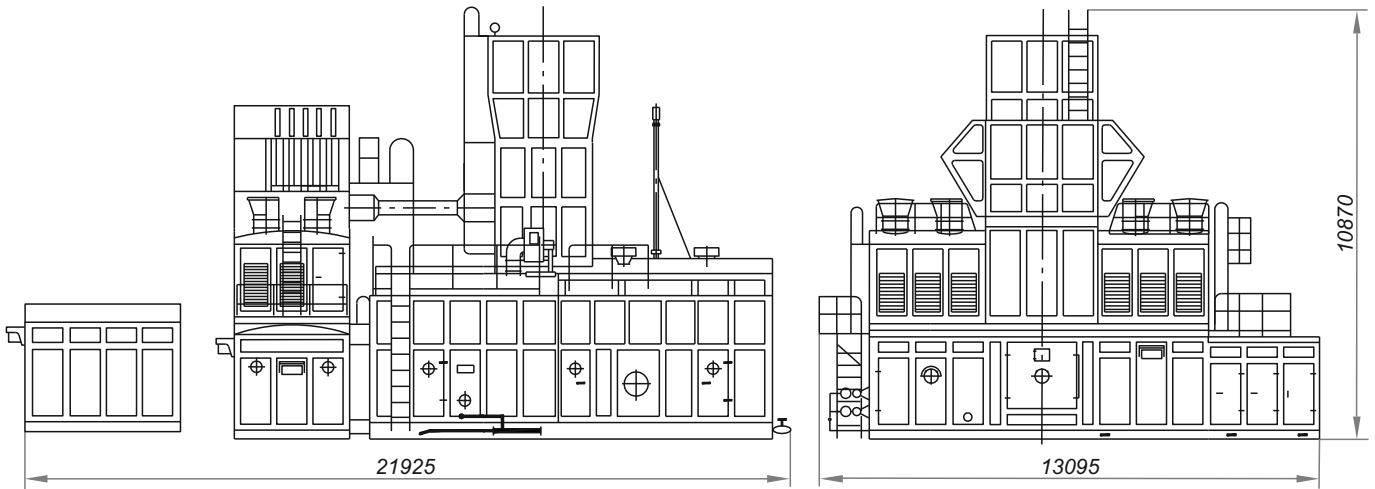


Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	12.7
Suction pressure	kgf/cm ²	35.0
Discharge pressure	kgf/cm ²	73.0
Pressure ratio, design		2.176
Engine type	Gas-turbine NK-16-18STD	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5300
Efficiency (under stationary conditions)	%	29.4
Compressor type	295GC2-245/35-75M1	
Unit weight (dry) in the scope of supply, max	kg	280000

Capacity limitations of NK-16-18STD
depending on air temperature
at the engine's inlet

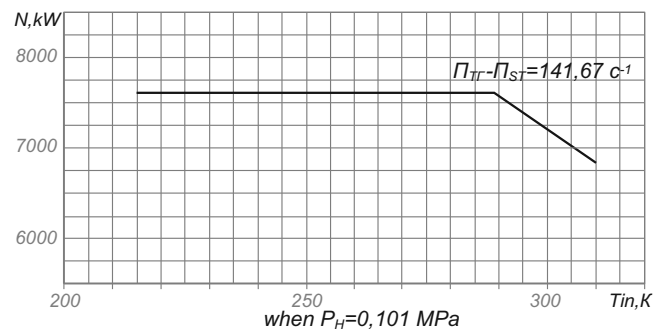


18 Gas Pumping Unit GPA-C-6.3V/76-2.1M1

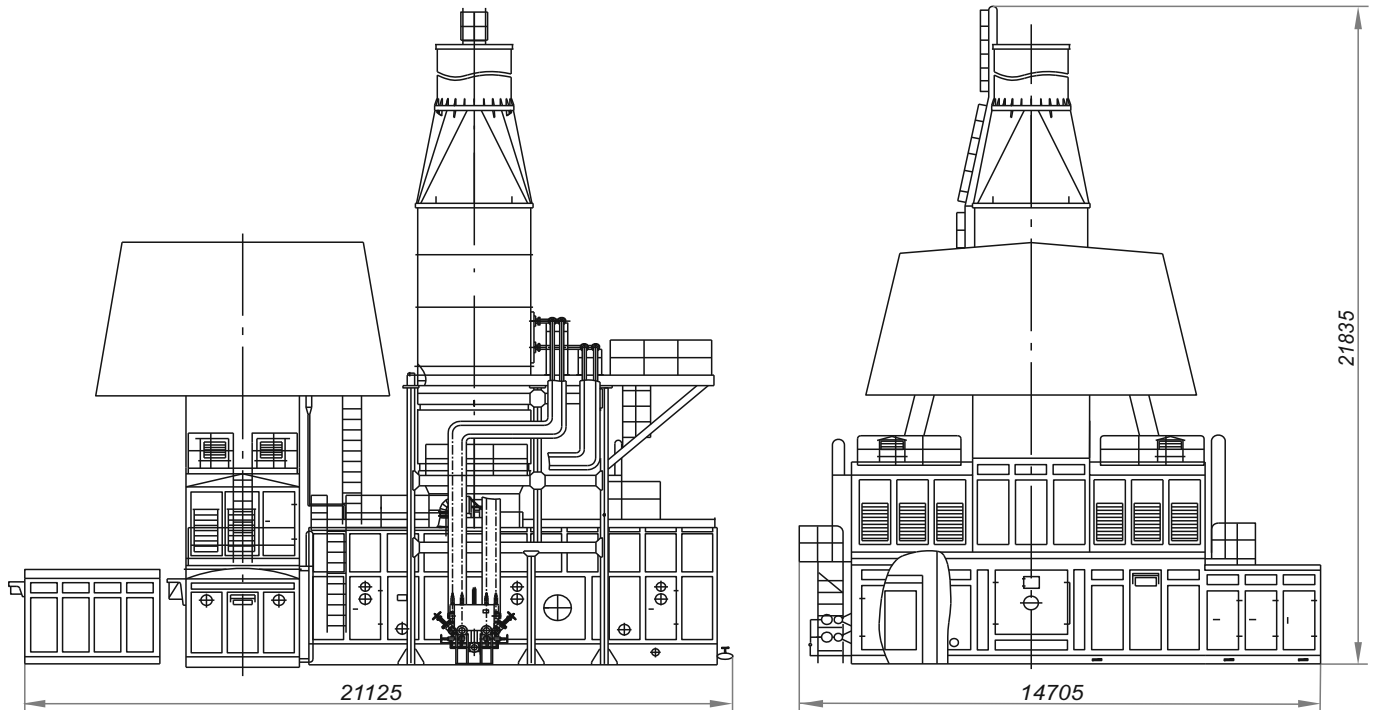


Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	3.0
Suction pressure	kgf/cm ²	36.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		2.139
Engine type	Gas-turbine NK-12ST	
Nominal capacity at engine's coupling (under stationary conditions)	MW	6.3
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	25.0
Compressor type	224GC2-73/37-76M12	
Unit weight (dry) in the scope of supply, max	kg	95000

Capacity limitations of NK-12ST depending on air temperature at the engine's inlet

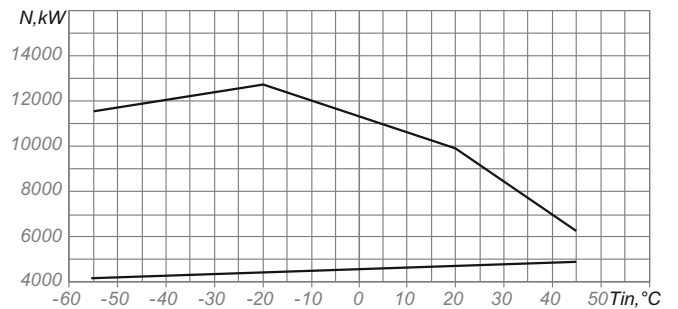


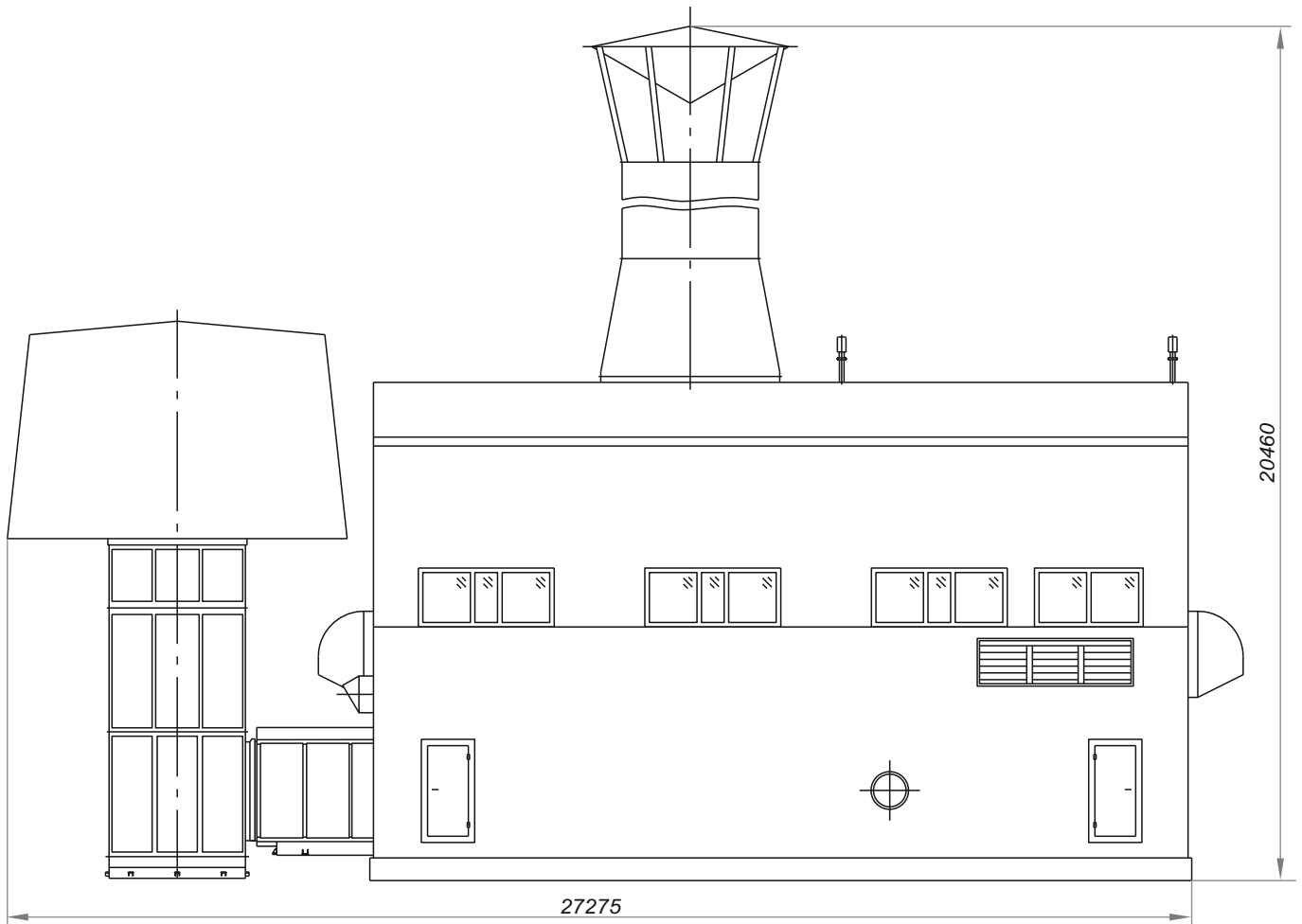
19 Gas Pumping Unit GPA-C-10B/56-1.44



Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	17.3
Suction pressure	kgf/cm ²	38.0
Discharge pressure	kgf/cm ²	56.0
Pressure ratio, design		1.44
Engine type	Gas-turbine NK-14ST-10	
Nominal capacity at engine's coupling (under stationary conditions)	MW	10.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	32
Compressor type	201GC2-290/39-56	
Unit weight (dry) in the scope of supply, max	kg	198000

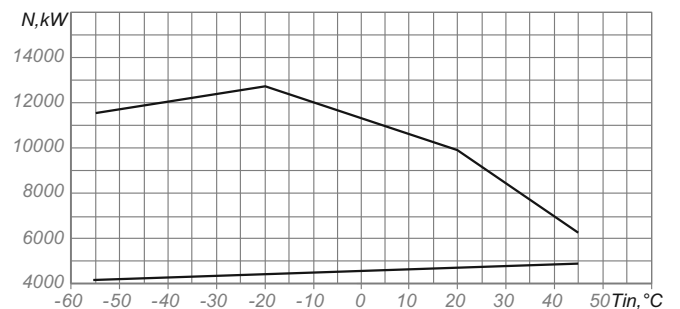
Capacity limitations of NK-14ST-10
depending on air temperature
at the engine's inlet



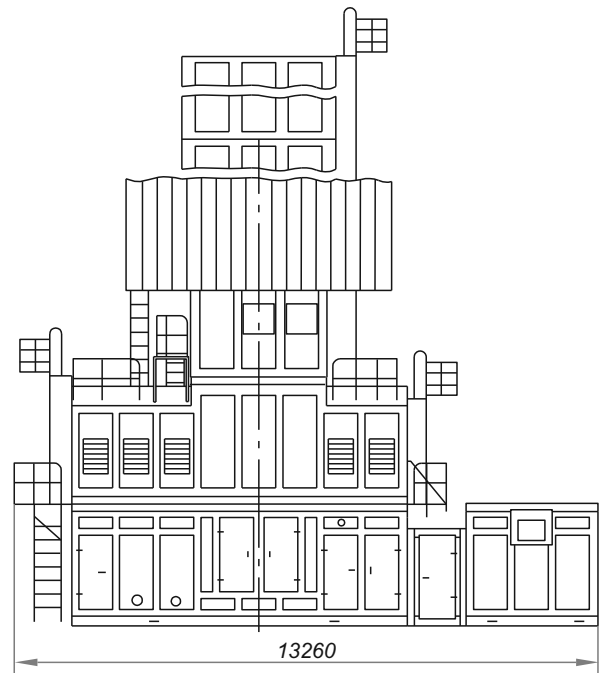
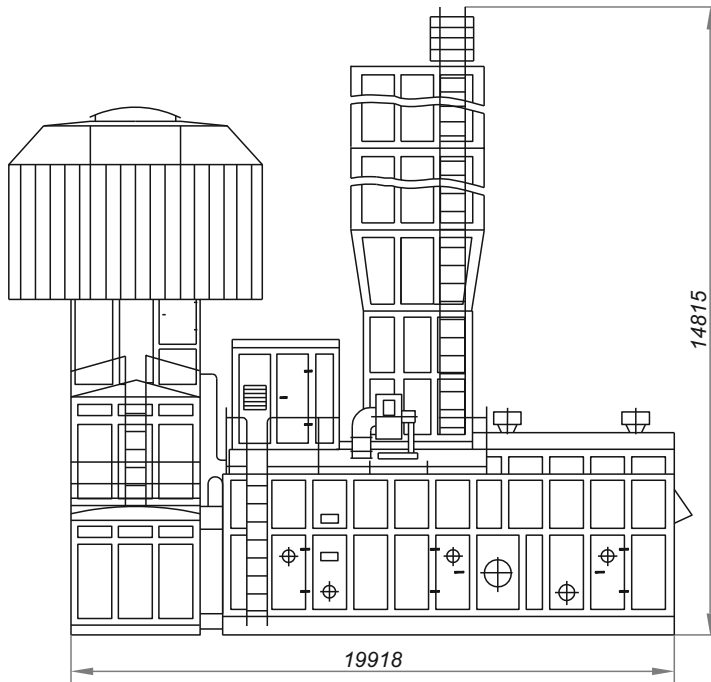


Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	17.0
Suction pressure	kgf/cm ²	38.0
Discharge pressure	kgf/cm ²	56.0
Pressure ratio, design		1.44
Engine type	Gas-turbine NK-14ST-10	
Nominal capacity at engine's coupling (under stationary conditions)	MW	10.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	32
Compressor type	222GC2-290/39-56	
Unit weight (dry) in the scope of supply, max	kg	153000

Capacity limitations of NK-14ST-10
depending on air temperature
at the engine's inlet

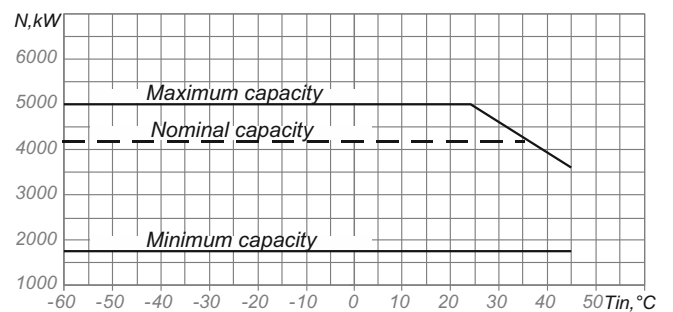


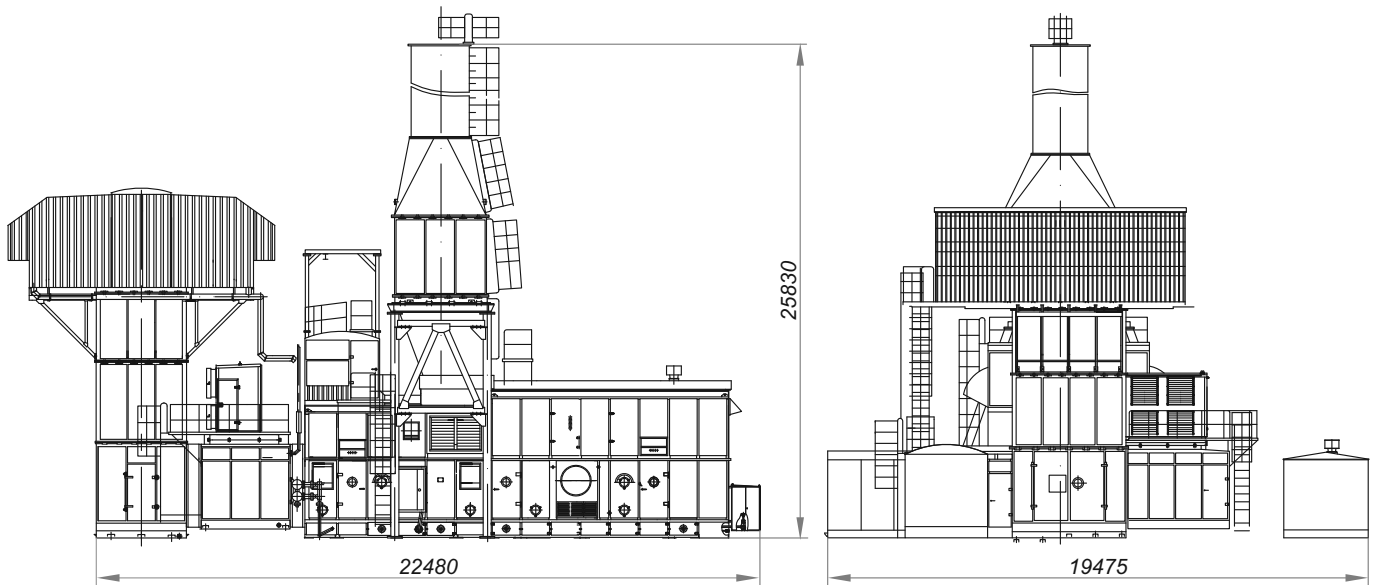
21 Gas Pumping Unit GPA-C-4.0A/76-1.7



Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	4.5
Suction pressure	kgf/cm ²	45.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.7
Engine type	Gas-turbine D-336-2-4	
Nominal capacity at engine's coupling (under stationary conditions)	MW	4.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	25.5
Compressor type	GC2-87/44.5-76	
Unit weight (dry) in the scope of supply, max	kg	110000

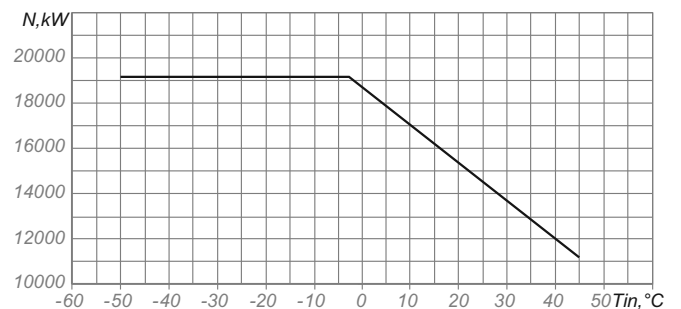
Capacity limitations of D-336-2-4 depending on air temperature at the engine's inlet



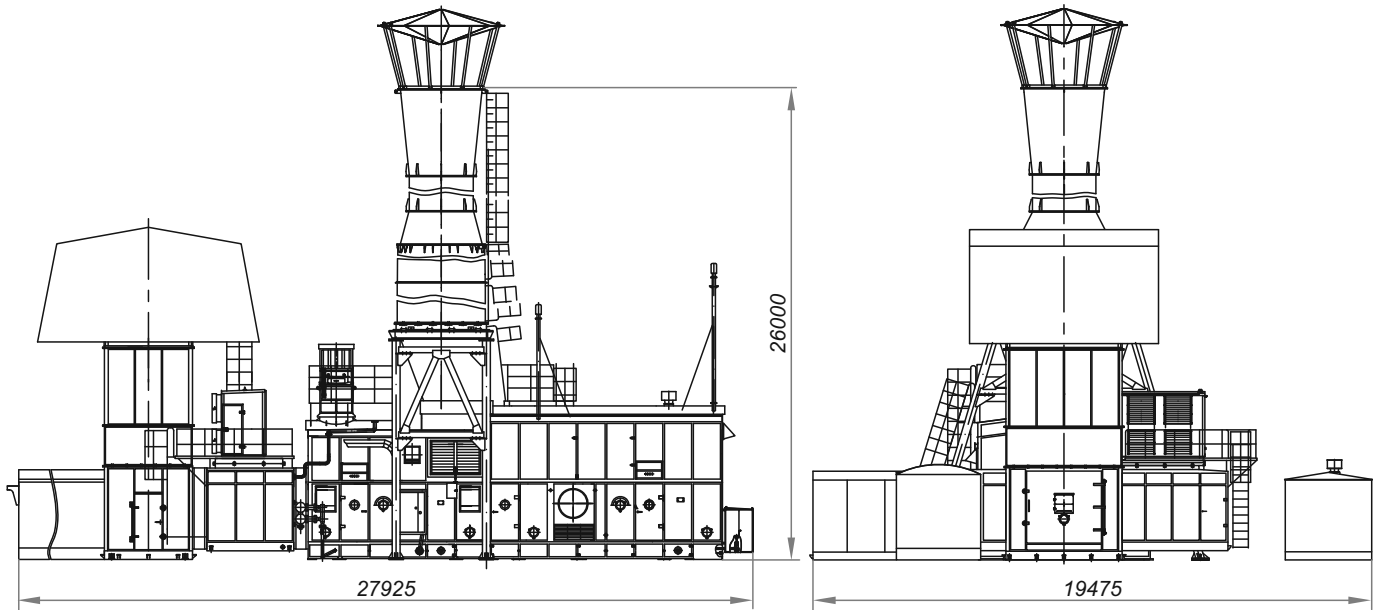


Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	21.5
Suction pressure	kgf/cm ²	45.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.7
Engine type	Gas-turbine DG90L2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	34.0
Compressor type	323GC2-310/45-76M	
Unit weight (dry) in the scope of supply, max	kg	217000

Capacity limitations of DG90
depending on air temperature
at the engine's inlet

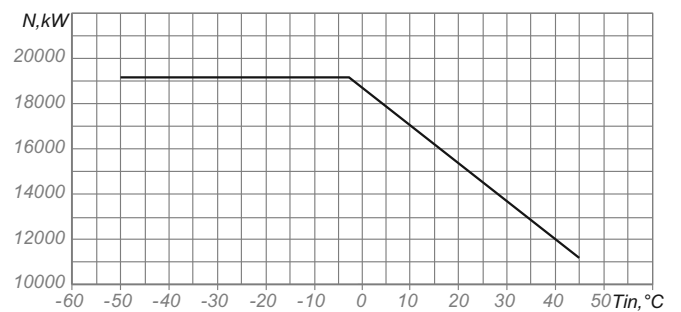


23 Gas Pumping Unit GPA-C3-16S/76-1.7M

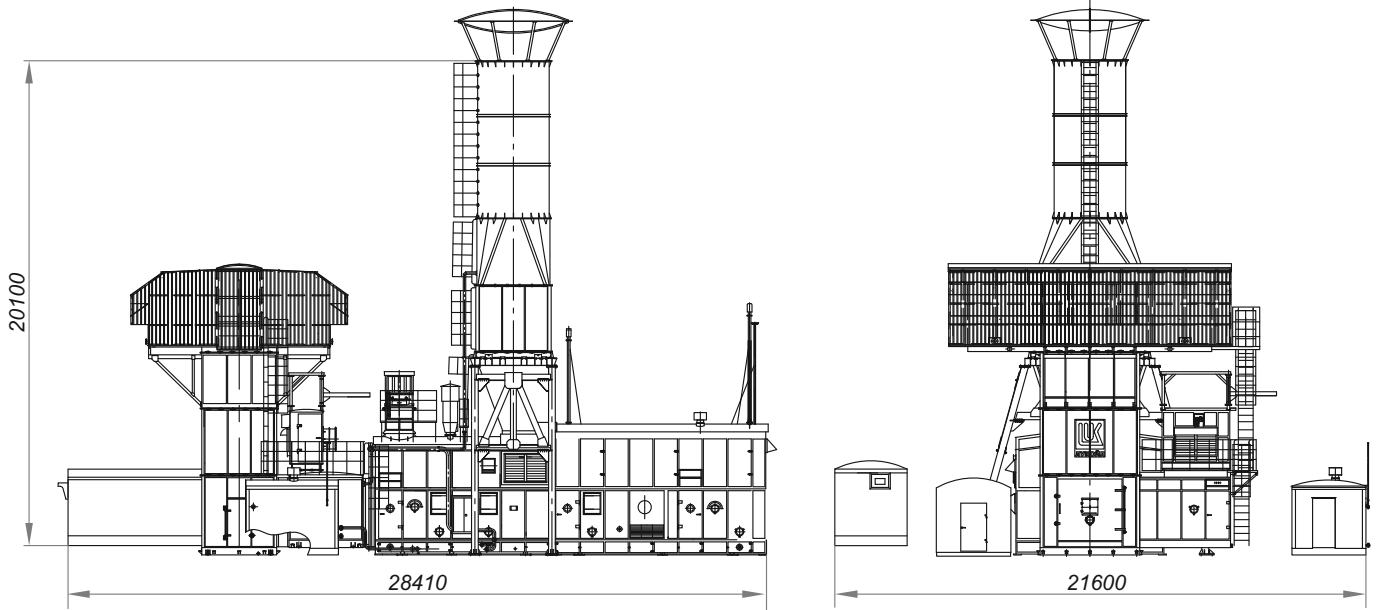


Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	21.5
Suction pressure	kgf/cm ²	45.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.7
Engine type		Gas-turbine DG90L2
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	33.5
Compressor type		323GC2-310/45-76M
Unit weight (dry) in the scope of supply, max	kg	220000

Capacity limitations of DG90
depending on air temperature
at the engine's inlet

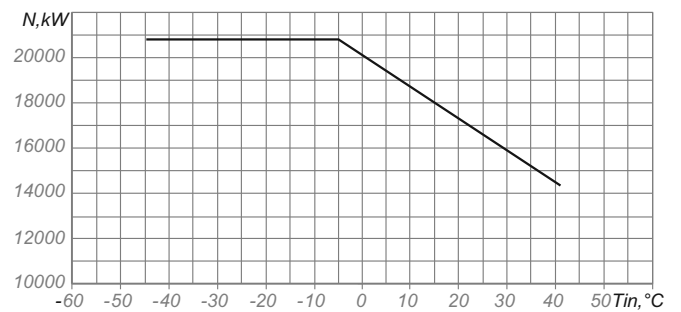


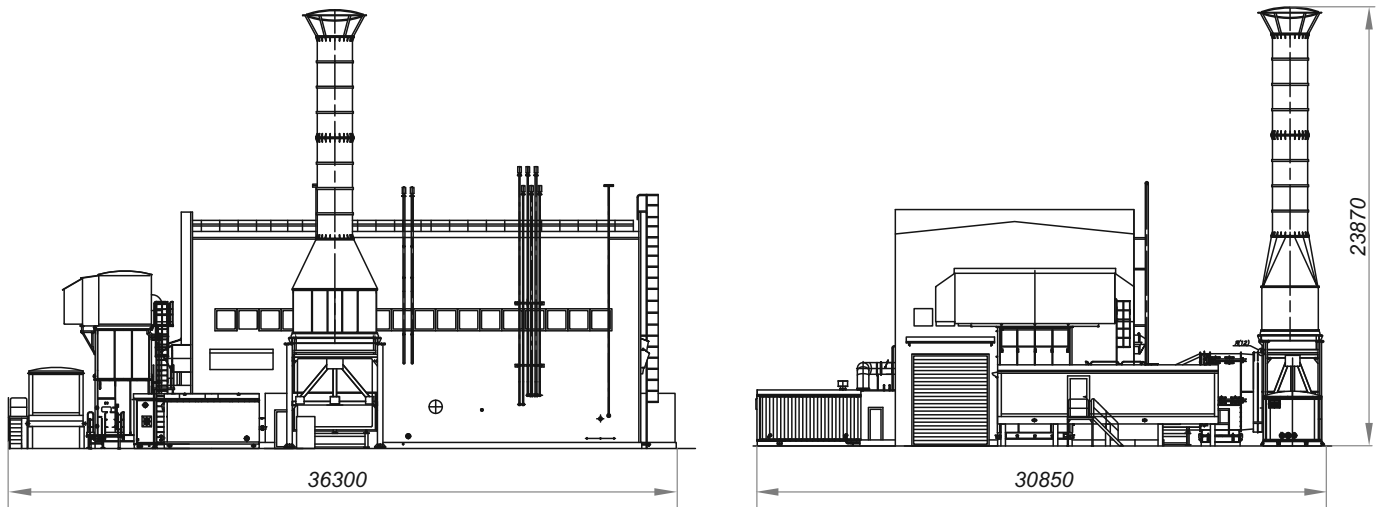
24 Gas Pumping Unit GPA-C-16/102-2.32M



Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	12.5
Suction pressure	kgf/cm ²	45.0
Discharge pressure	kgf/cm ²	100.0
Pressure ratio, design		2.33
Engine type		Gas-turbine NK-16-18STD
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5300
Efficiency (under stationary conditions)	%	29.4
Compressor type		295GC2-190/44-100M
Unit weight (dry) in the scope of supply, max	kg	245000

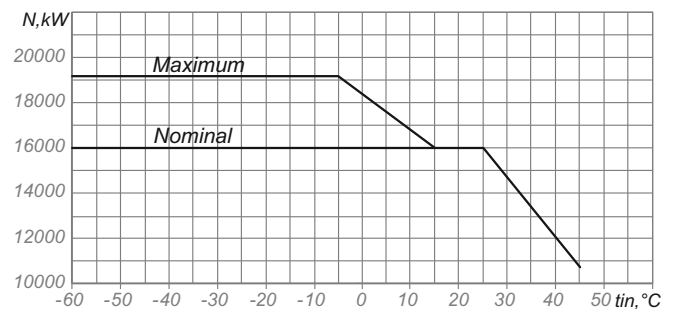
Capacity limitations of NK-16-18STD
depending on air temperature
at the engine's inlet

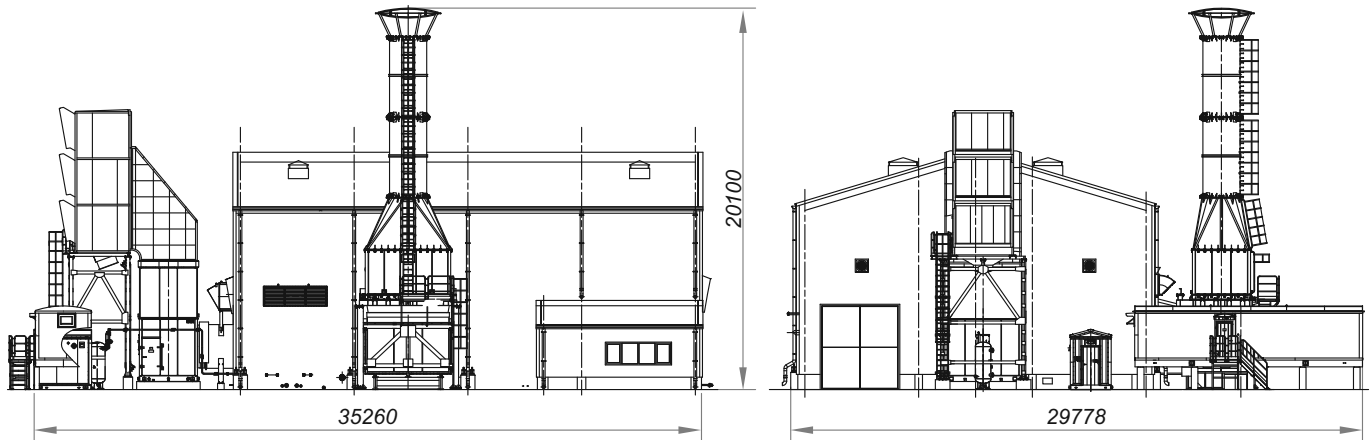




Technical parameters		
Climatic modification		«UHL»
Flow rate capacity	MMCMD	17.14
Suction pressure	kgf/cm ²	47.0
Discharge pressure	kgf/cm ²	80.0
Pressure ratio, design		1.7
Engine type	GTU-16P with PS-90GP-2 engine	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5300
Efficiency (under stationary conditions)	%	36.3
Compressor type	295GC2-238/47-80M1	
Unit weight (dry) in the scope of supply, max	kg	273000

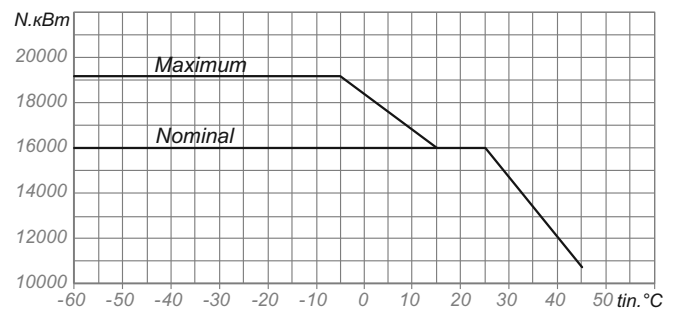
Capacity limitations of PS-90GP-2 depending on air temperature at the engine's inlet



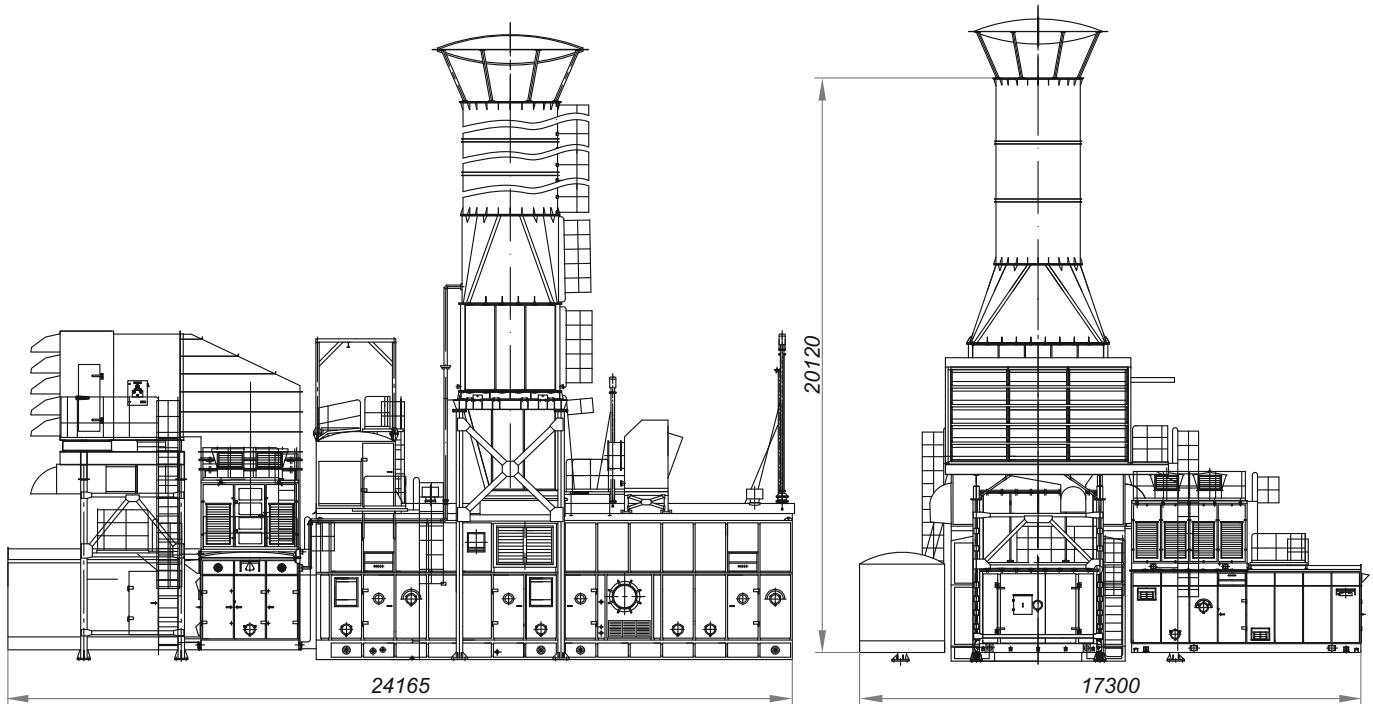


Technical parameters		
Climatic modification		«UHL»
Flow rate capacity	MMCMD	16.6
Suction pressure	kgf/cm ²	48.9
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.6
Engine type	Gas-turbine PS-90GP-2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5300
Efficiency (under stationary conditions)	%	85.3
Compressor type	294GC2-260/48-76M1	
Unit weight (dry) in the scope of supply, max	kg	227000

Capacity limitations of PS-90GP-2 depending on air temperature at the engine's inlet

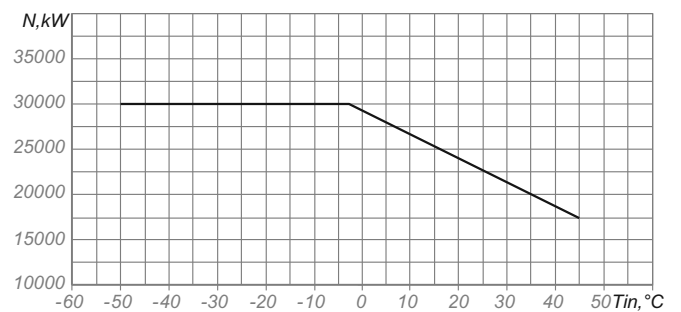


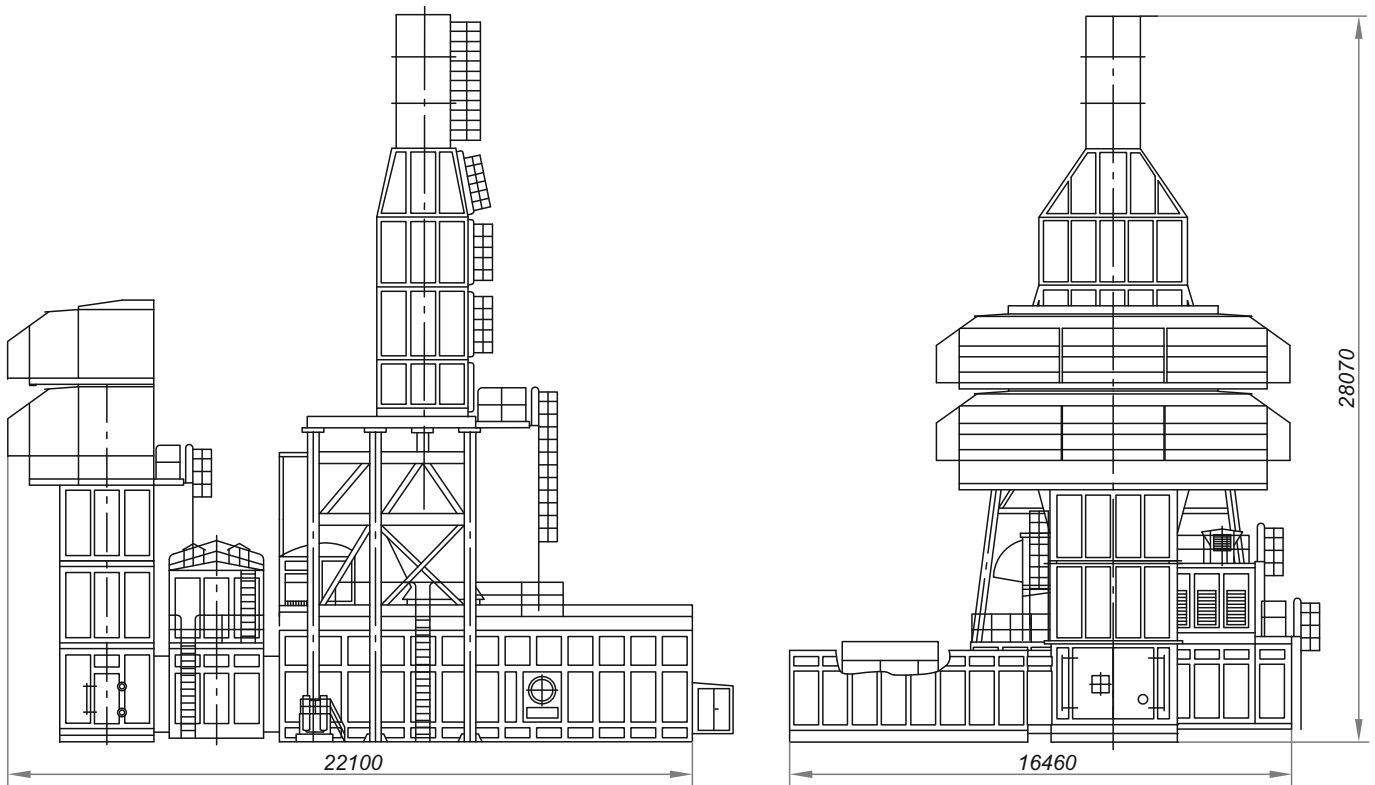
27 Gas Pumping Unit GPA-C1-25S/74-1.5M1



Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	20.0
Suction pressure	kgf/cm ²	50.0
Discharge pressure	kgf/cm ²	74.0
Pressure ratio, design		1.504
Engine type	Gas-turbine DU80L	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.8
Compressor type	321GC2-292/50-76M1	
Unit weight (dry) in the scope of supply, max	kg	195000

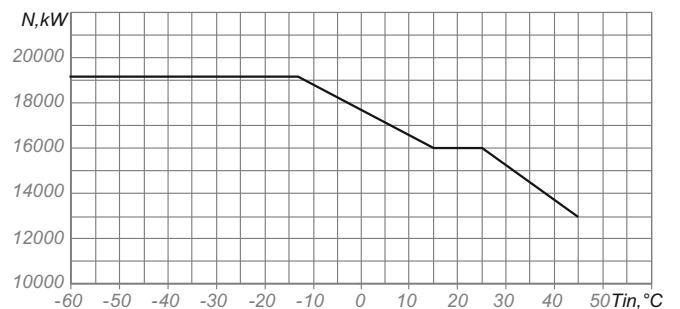
Capacity limitations of DU80L
depending on air temperature
at the engine's inlet

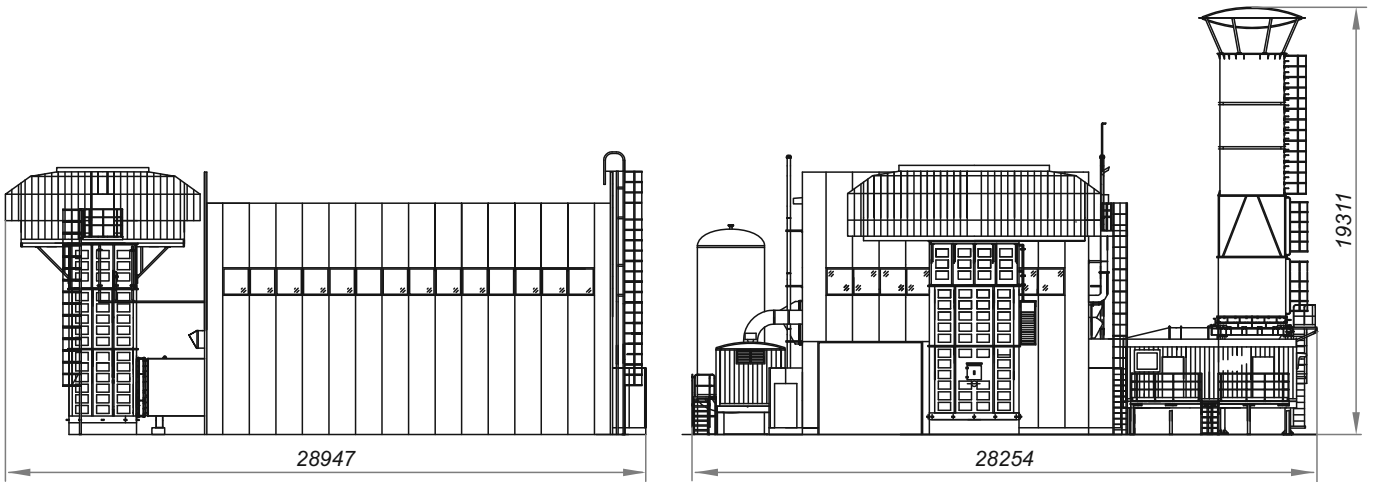




Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	32.2
Suction pressure	kgf/cm ²	52.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.44
Engine type		Gas-turbine AL-31ST
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5250
Efficiency (under stationary conditions)	%	36
Compressor type		291GC2-395/53-76S
Unit weight (dry) in the scope of supply, max	kg	234600

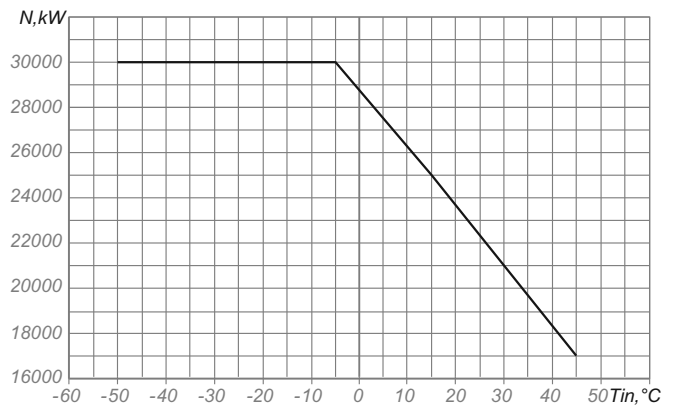
Capacity limitations of AL-31ST depending on air temperature at the engine's inlet

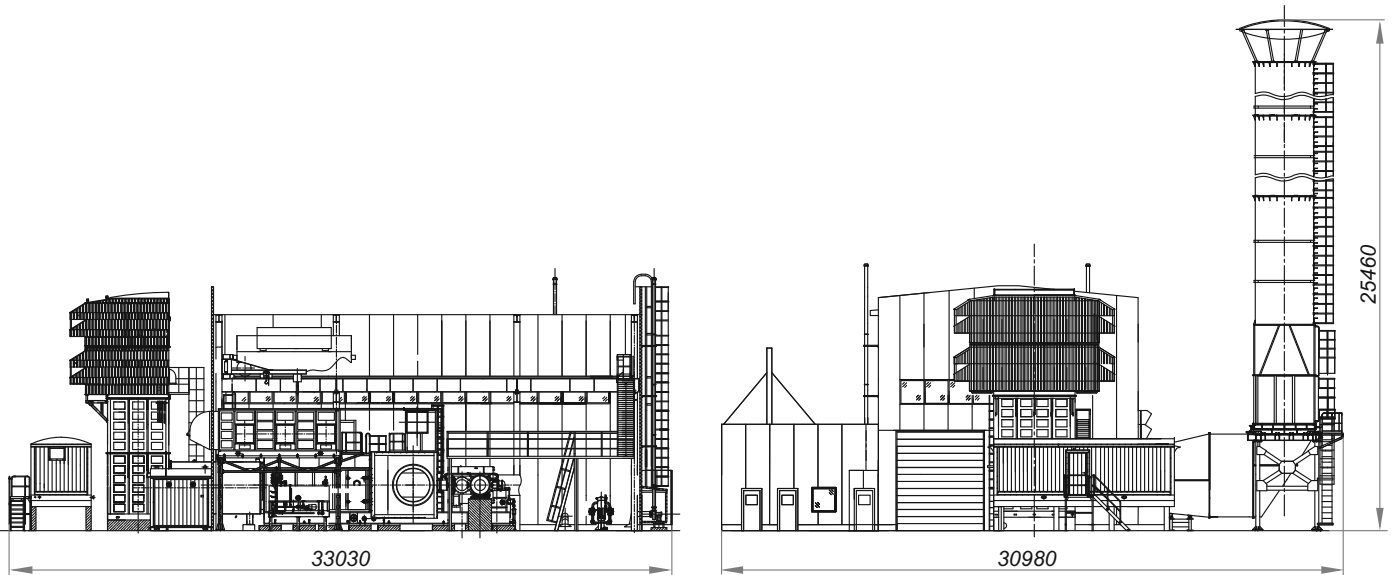




Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	47.243
Suction pressure	kgf/cm ²	52.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.44
Engine type	Gas-turbine NK-36ST	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.5
Compressor type	321GC2-560/53-76M	
Unit weight (dry) in the scope of supply, without shelter, max	kg	265000

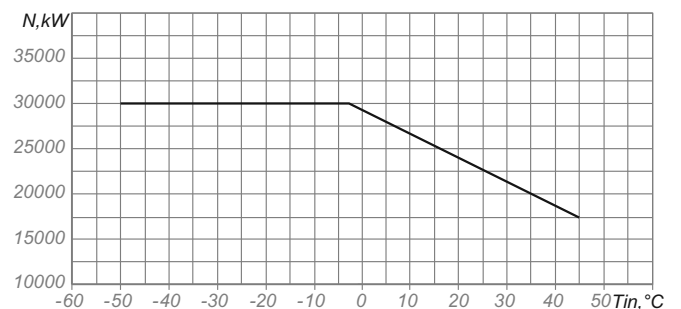
Capacity limitations of NK-36ST depending on air temperature at the engine's inlet



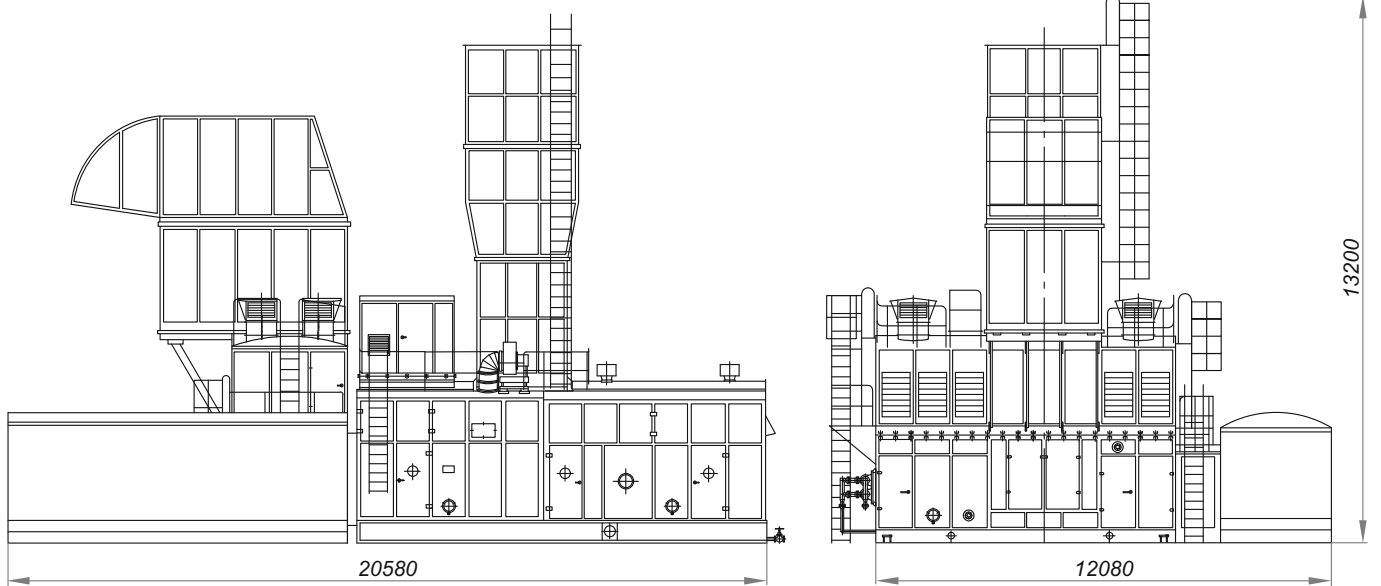


Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	47.0
Suction pressure	kgf/cm ²	52.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.44
Engine type	Gas-turbine DU80L1	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.8
Compressor type	321GC2-560/53-76M	
Unit weight (dry) in the scope of supply, without shelter, max	kg	270000

Capacity limitations of DU80L1
depending on air temperature
at the engine's inlet

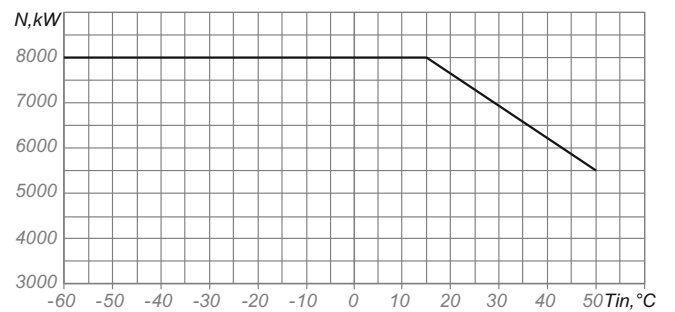


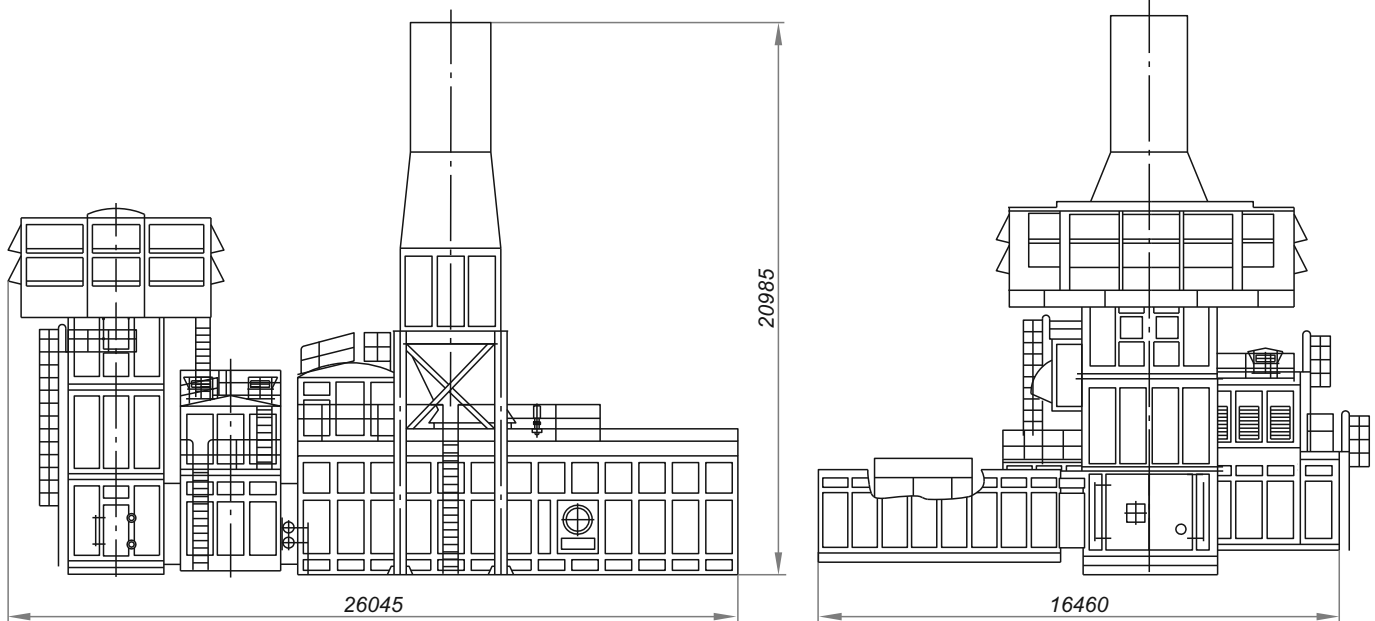
31 Gas Pumping Unit GPA-C-8A/76-1.37



Technical parameters		
Climatic modification		«U.1»
Flow rate capacity	MMCMD	12.0
Suction pressure	kgf/cm ²	55.0
Discharge pressure	kgf/cm ²	76.0
Pressure ratio, design		1.37
Engine type	Gas-turbine AI-336-2-8	
Nominal capacity at engine's coupling (under stationary conditions)	MW	8.0
Nominal rotation speed of power turbine rotor of the engine	rpm	8200
Efficiency (under stationary conditions)	%	30.8
Compressor type	224GC2-130/56-76M12	
Unit weight (dry) in the scope of supply, max	kg	110000

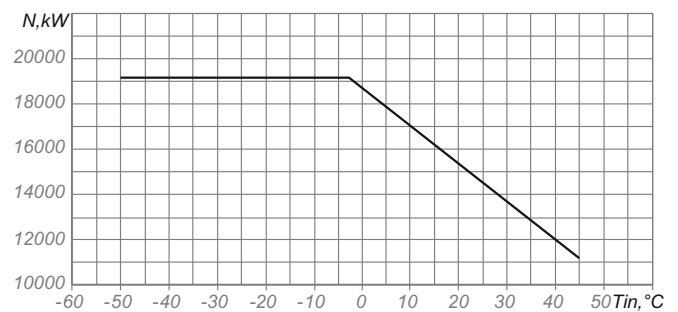
Capacity limitations of AI-336-2-8
depending on air temperature
at the engine's inlet

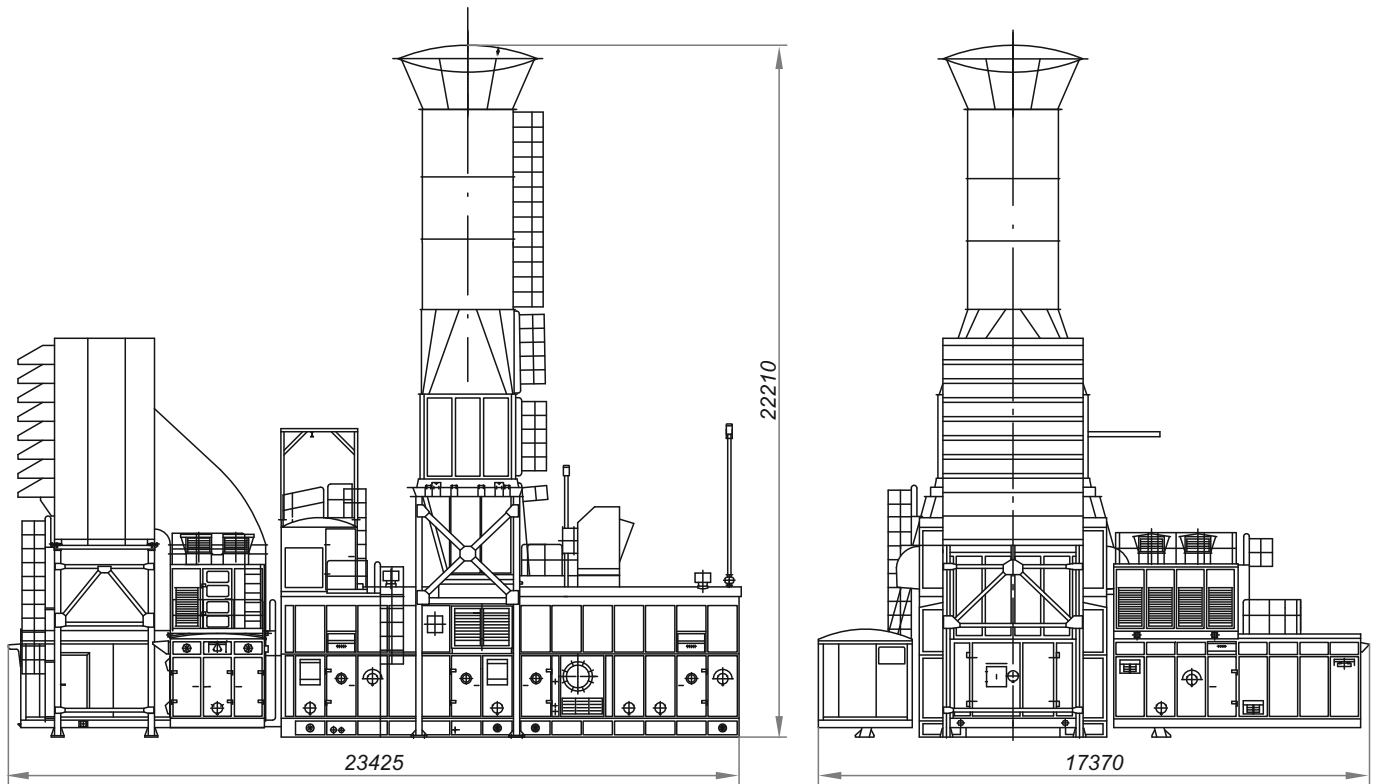




Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	38.0
Suction pressure	kgf/cm ²	63.0
Discharge pressure	kgf/cm ²	85.0
Pressure ratio, design		1.35
Engine type		Gas-turbine DG90L2.1
Nominal capacity at engine's coupling (under stationary conditions)	MW	16.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5200
Efficiency (under stationary conditions)	%	33.5
Compressor type		291GC2-385/63-85M1
Unit weight (dry) in the scope of supply, max	kg	196400

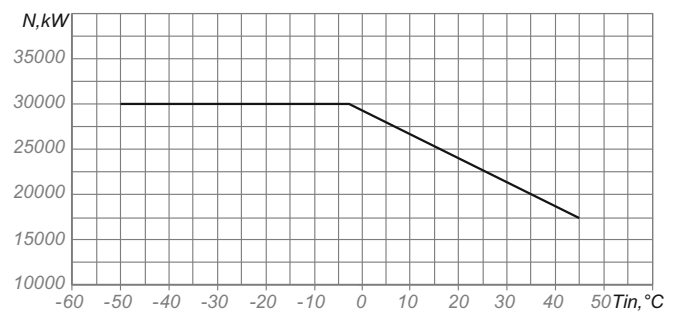
Capacity limitations of DG90
depending on air temperature
at the engine's inlet

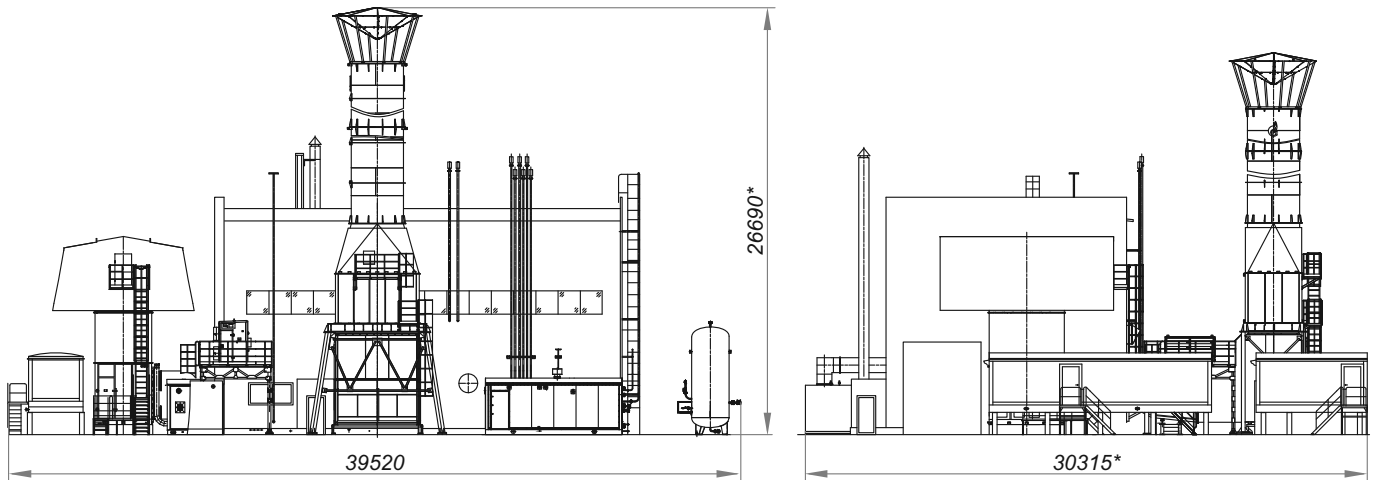




Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	27.1
Suction pressure	kgf/cm ²	68.0
Discharge pressure	kgf/cm ²	92.0
Pressure ratio, design		1.364
Engine type		Gas-turbine DU80L1
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	35.0
Compressor type		291GC2-286/68-92M1
Unit weight (dry) in the scope of supply, max	kg	195000

Capacity limitations of DU80L1
depending on air temperature
at the engine's inlet

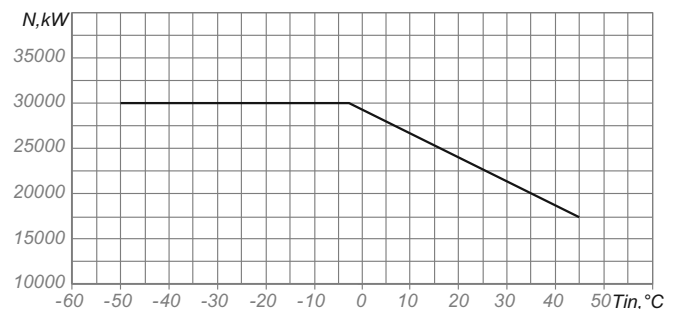


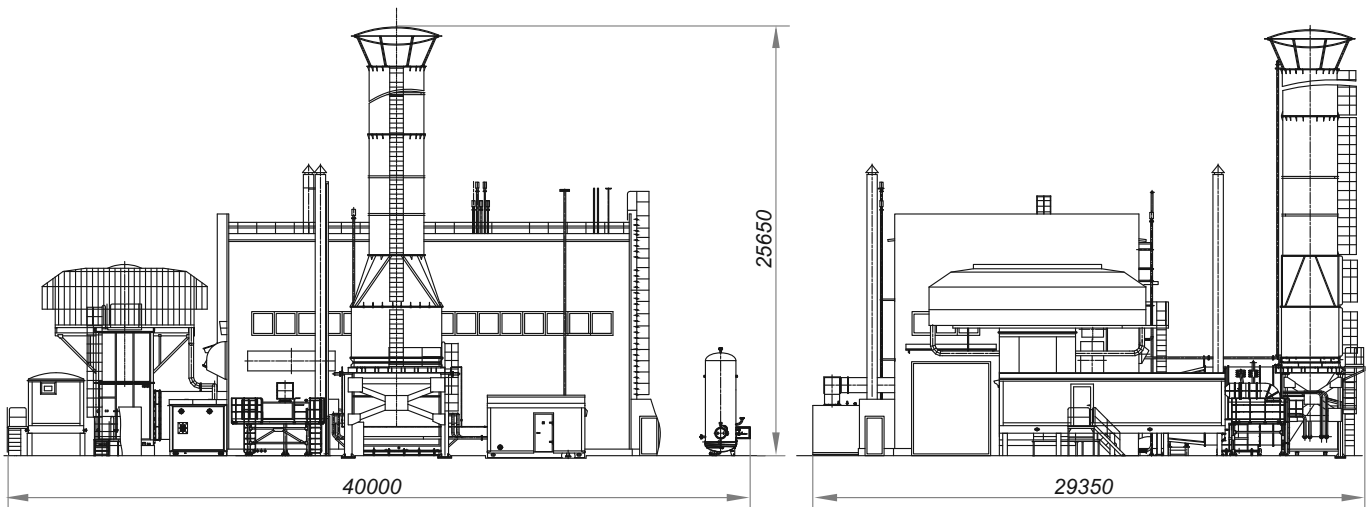


Technical parameters

Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	45.0
Suction pressure	kgf/cm ²	70.0
Discharge pressure	kgf/cm ²	100.0
Pressure ratio, design		1.44
Engine type	Gas-turbine DU80L1	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.8
Compressor type	352GC2-395/70-100M	
Unit weight (dry) in the scope of supply, without shelter, max	kg	305000

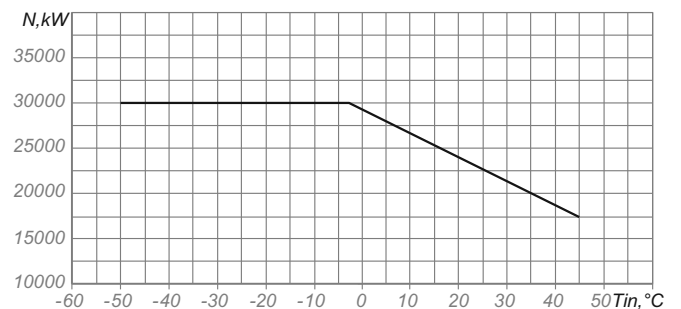
Capacity limitations of DU80L1
depending on air temperature
at the engine's inlet

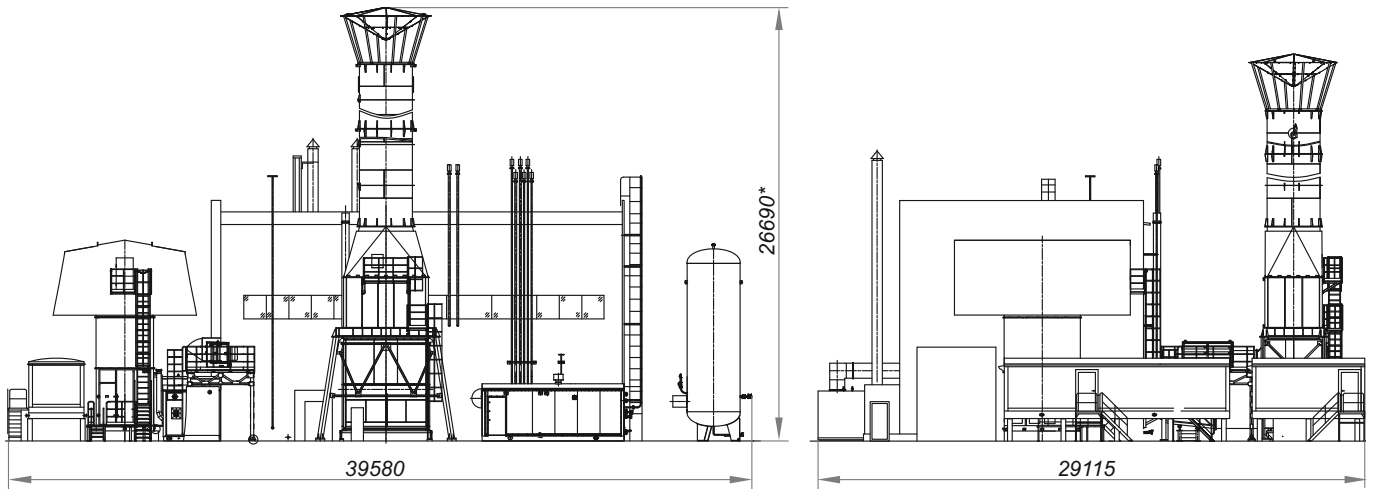




Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	48.0
Suction pressure	kgf/cm ²	72.0
Discharge pressure	kgf/cm ²	100.0
Pressure ratio, design		1.44
Engine type	Gas-turbine DU80L1	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.8
Compressor type	324GC2-420/75-105M1	
Unit weight (dry) in the scope of supply, without shelter, max	kg	290000

Capacity limitations of DU80L1
depending on air temperature
at the engine's inlet

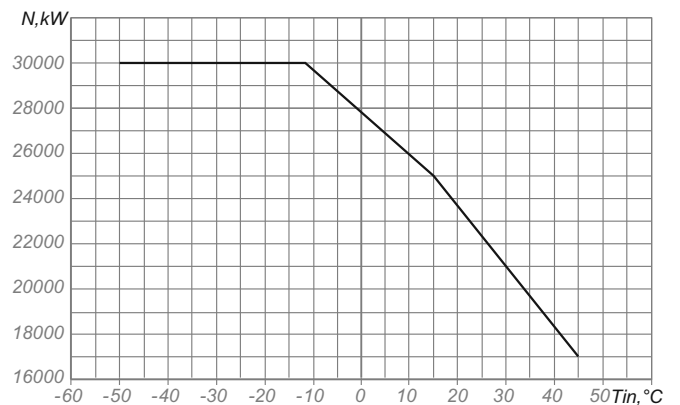


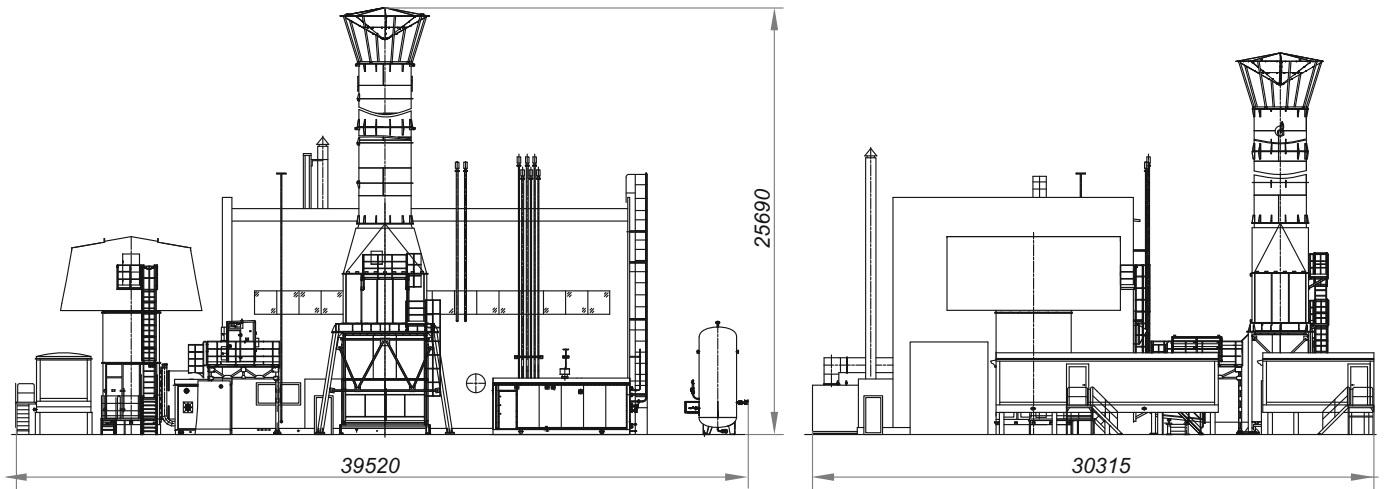


Technical parameters

Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	60.0
Suction pressure	kgf/cm ²	74.0
Discharge pressure	kgf/cm ²	100.0
Pressure ratio, design		1.35
Engine type	Gas-turbine NK-36ST	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.5
Compressor type	352GC2-485/75-100M	
Unit weight (dry) in the scope of supply, without shelter, max	kg	305000

Capacity limitations of NK-36ST
depending on air temperature
at the engine's inlet





Technical parameters		
Climatic modification:		
for indoors equipment		«UHL.4»
for outdoors equipment		«UHL.1»
Flow rate capacity	MMCMD	60.0
Suction pressure	kgf/cm ²	74.0
Discharge pressure	kgf/cm ²	100.0
Pressure ratio, design		1.35
Engine type	Gas-turbine DU80L1	
Nominal capacity at engine's coupling (under stationary conditions)	MW	25.0
Nominal rotation speed of power turbine rotor of the engine	rpm	5000
Efficiency (under stationary conditions)	%	34.8
Compressor type	352GC2-485/75-100M	
Unit weight (dry) in the scope of supply, without shelter, max	kg	305000

Capacity limitations of DU80L1
depending on air temperature
at the engine's inlet

