

Annexure-A

Tools for GIS erection (to be arranged by GIS supplier on returnable basis)

DOC ID	DOC TITLE	NO. OF PAGES
ELK 03 / 04 / 14	GIS Commissioning Test Kit	4
IN6110 01	TOOL CONTAINER "GIS-01"	27



GIS Commissioning Test Kit

ELK 03 / 04 / 14



Equipped with tools and testing equipment's for commissioning of GIS ELK 03/ 04/ 04c/ 14



Dimensions

Length / Width / Height








2000 / 1100 / 1200 mm







Weight






850.00 Kg

Country of Origin

India

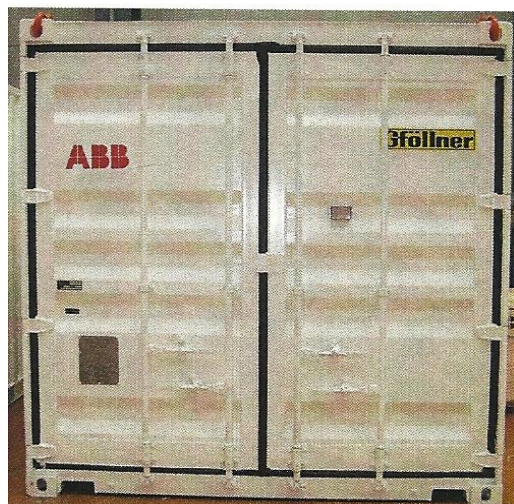
Quantity	Description	Picture of Test Kit
1	Handtool for commissioning engineer	
1	973-SF6 Analyzer complete set	
1	SF6 Gas leak Detector Model : GIR-10 complete set	
1	Measuring Bridge "Metrahit 27M" with lead set	
1	10KV Insulation Resistance Tester complete set	
1	Fluke Digital Multimeter 179 1AC-II	
1	Motwane Make clamp on meter DCM 9930A	

Quantity	Description	Picture of Test Kit
1	Omicron make CPC 100 with complete set of leads	
1	Omicron CT Analyzer with complete set of leads	
1	CP CB 2 – Current Booster	
1	Breaker Analyser System TM1800 complete set	
1	SDRM 202 with complete set of cables	
1	Transducer set for HMB 4/8 complete	

Quantity	Description	Picture of Test Kit
1	AC/DC Leakage Current Clamp Meter	
1	Transducer for FAES, DES Baumer make with accessories GIS type ELK03 /04c/ 14	
1	Transducer for Strock measurement Actus make GIS type ELK04 [HMB 1]	
1	Endoscope complete set	
1	DC Source 32 Amp	



Equipped with tools and devices for the assembly of GIS.



Dimensions

Length / Width / Height

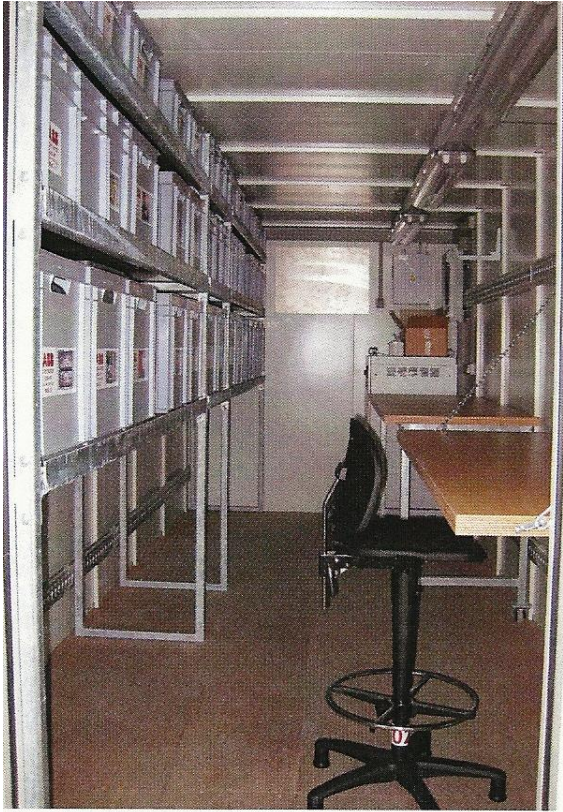
6085 / 2438 / 2591 mm

Weight

7000.00 Kg

Country of Origin

India









TOOL CONTAINER "GIS-01"


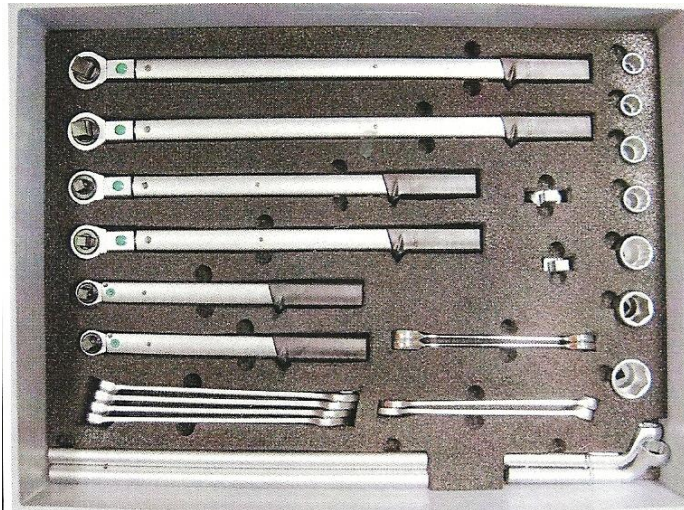
IN6110 01

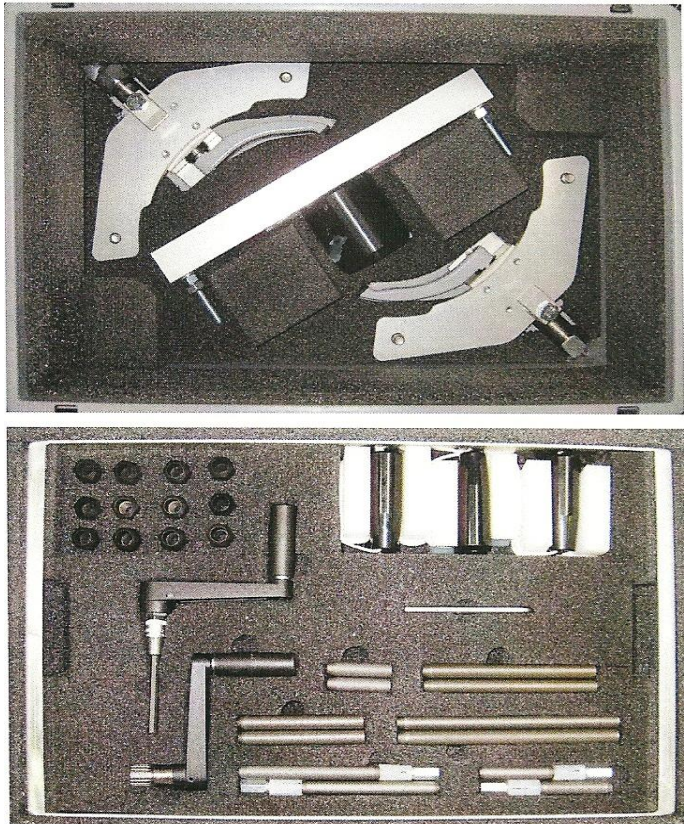
Quantity	Description	Article No
1	Container "ABB"	IN6120
	1 Key for Container and 1 key for padlock (inside tool car)	IN7425
1	Padlock 85-40mm	IN7421
1	Folder (stored in box number 24)	
1	Index Container E	IN9999
1	Certification of Container	48026 WN/2
1	Wiring Diagram	203984
1	Instruction manual DIE "Air-condition"	R407C
1	Instruction manual DIE "S'K'H"	Y306AN12AT
	Key for Container	
	Countersunk head screw Inbus M10x20	DIN 7991
	For treads of ring-screws	
	(Transportation locking, swivel chair)	
	Aluminum ramp "ABB-C"	IN6313
	Movable workbench "ABB-C"	IN6315
	Workbench,- swivel chair	IN6317
	All machines and devices having an own	
	Index, are marked as following:	
	(SI) = Separate index	

Quantity	Description	Article No
1	Multipurpose ladder 6.98 M	IN5117
8	Transport trolly " Y Car "	IN6412
2	Pry bar 1800	IN6412
1	Toolbox "GIS-01"	IN2310 (SI)
1	GAS evacuating/refill. Device 63M3/H	IN4114 (SI)
	Only for the locking while transportation	
	(23) Polyester strap "AK30-m" 2.5M	IN5612
	(8) Polyester strap "AK30-m" 3.5M	IN5611
	(10) Polyester strap 25mm 14M	IN5613
	(6) Transport Device "ABB-C"	IN6007
	2 pcs. Hexagonal nuts M10	IN5531
	(1) Foamed material 1100x150x20 mm	IN6006
	(1) Foamed material 1100x150x20 mm	IN6006
	(1) Foamed material 750x100x20 mm	IN6004
	(between workbench and frame)	
	The boxes No.2 and No.3 are earmarked as storage place for the transportation locking material on site	

Quantity	Description	Article No
	<u>Box 01</u> 	
1	Stacking box 600x400x220mm (1) Foamed material 2 black	IN6210 IN6002
1	Box Opener "BAHCO" crow bar 900x25	IN1621
1	Box opener "SUPERBAR"	IN1621
2	Pry bar "HAZET 400"	IN1612
2	Pull and pry bar	IN1619
	<u>Box 02</u> 	
1	Stacking box 600x400x220mm For polyester round sling and transportation material	IN6210


Quantity	Description	Article No
	<p><u>Box 03</u></p> 	
1	<p>Stacking box 600x400x220mm For polyester roundsling and transportation material</p>	IN6210
	<p><u>Box 04</u></p> 	
1	<p>Stacking box 600x400x220mm Empty for spare material</p>	IN6210



Quantity	Description	Article No
	<u>Box 05</u>	
		
1	Stacking box 600x400x220mm Empty for spare material	IN6210
	<u>Box 06</u>	
		
1	Stacking box 800x600x220mm	IN6222
	(1) Foamed material 3 black	IN6003
2	Torque wrench "730R/5" (8-60Nm 3/8")	IN1111
2	Torque wrench "730R/20" (40-200Nm 1/2")	IN1114
2	Torque wrench "730R/40" (80-400Nm 3/4")	IN1117
2	Combination wrench 19	IN1519
4	Combination wrench 24	IN1524


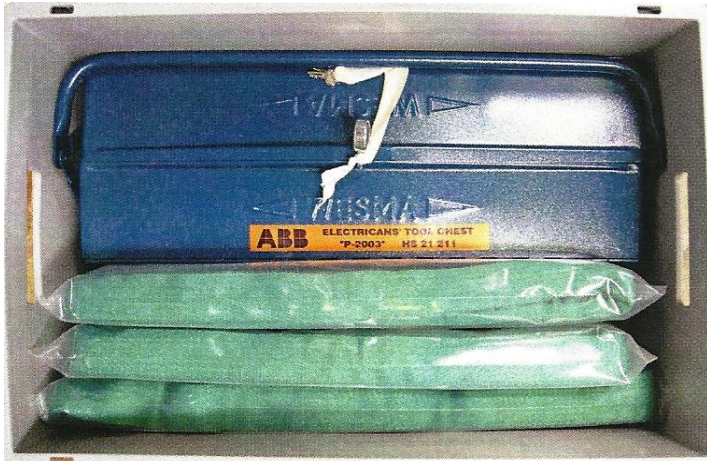
Quantity	Description	Article No
2	Box end wrench 24	IN1524
2	Extension tube 24-30	IN1133
2	Socket wrench long 1/2" 19 mm	IN1319
2	Socket wrench long 1/2" 24 mm	IN1324
1	Socket wrench long 1/2" 30 mm	IN1330
1	Socket wrench long 3/4" 30 mm	IN1330
1	Socket wrench long 3/4" 36 mm	IN1332
1	Open end wrench 18-19	IN1429
1	Open end wrench 18-24	IN1434
2	Ratchet spanner "RG" 19mm	IN1479
2	Ratchet spanner "RG" 17mm	IN1477
2	Ratchet spanner "RG" 24mm	IN1480
<u>Box 07</u>		
		
1	Tool set "ELK14-NM08"	IN2214 (SI)

Quantity	Description	Article No
	Box 08 	
1	Stacking box 600x400x220mm	IN6210
6	Polyester round sling "1M/V"	IN5411
6	Polyester round sling "2M/V"	IN5412
6	Polyester strap 50mm / 5M	IN5615
	Box 09 	
1	Stacking box 600x400x220mm	IN6210
6	Polyester strap 50mm /8m	IN5618

Quantity	Description	Article No
	<u>Box 10</u> 	
1	Stacking box 500x600x220mm	IN6222
6	Polyester round sling "6MN"	IN5417
	<u>Box 11</u> 	
1	Power board "7800"	IN3113 (SI)

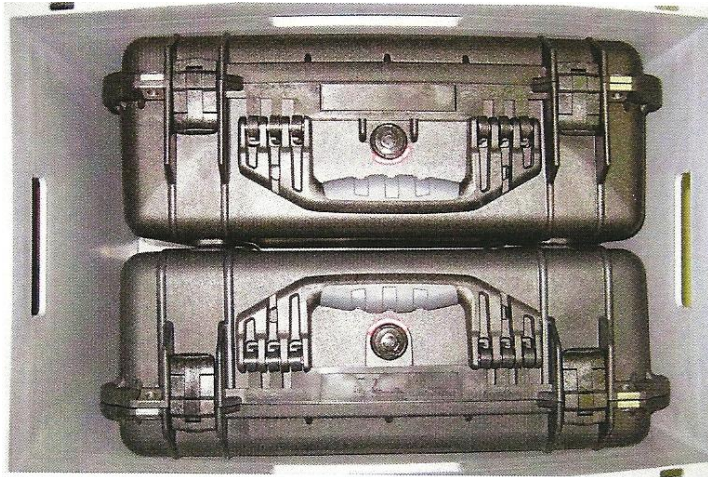
Quantity	Description	Article No
	<p><u>Box 12</u></p> 	
1	Set for evacuating/refill. Device 63M3/H	IN4114 (SI)
	<p><u>Box 13</u></p> 	
1	Stacking box 600x400x325mm Empty, for spare material	IN6211

Quantity	Description	Article No
	<u>Box 14</u> 	
1	Stacking box 600x400x325mm Empty, for spare material	IN6211
	<u>Box 15</u> 	
1	Stacking box 800x600x325mm	IN6223
3	Metal hose "Bellow type"	IN4220

Quantity	Description	Article No
	<u>Box 16</u> 	
1	Stacking box 800x600x325mm	IN6223
3	Metal hose "Bellow type"	IN4220
1	Adapter "Dilo 3-244"	IN4415
	<u>Box 17</u> 	
1	Stacking box 600x400x325mm	IN6211
1	Electricians tool set "PICCOIO-2003"	IN2220 (SI)
3	Polyester round sling "6M/G"	IN5434

Quantity	Description	Article No
	<u>Box 18</u>	
1	Stacking box 600x400x325mm	IN6211
1	Mechanics tool set "PICCOLO-2003"	IN2222 (SI)
3	Polyester round sling "6M/G"	IN2222
	<u>Box 19</u>	
1	Stacking box 600x400x325mm	IN6211
6	Polyester round sling "4MIY"	IN5416
Quantity	Description	Article No

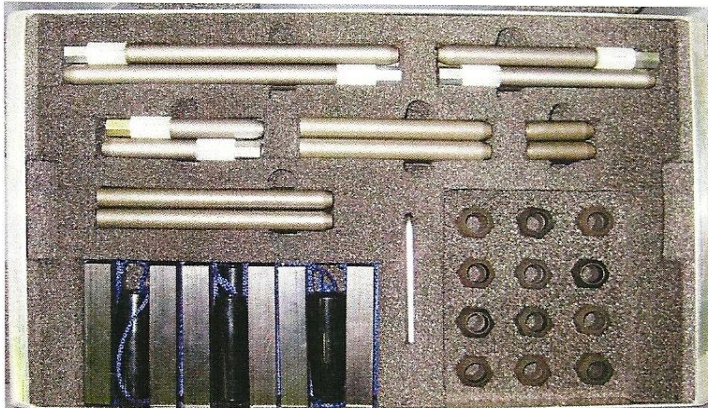
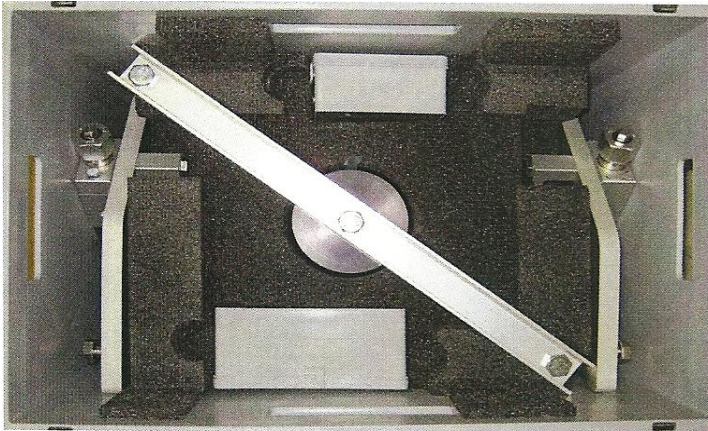
Box 20



- 1 Stacking box 600x400x425mm
- 1 Mikroohmmeter "MOM600+" (2 pcs.)



IN5416
IN3434 (SI)



Box 21

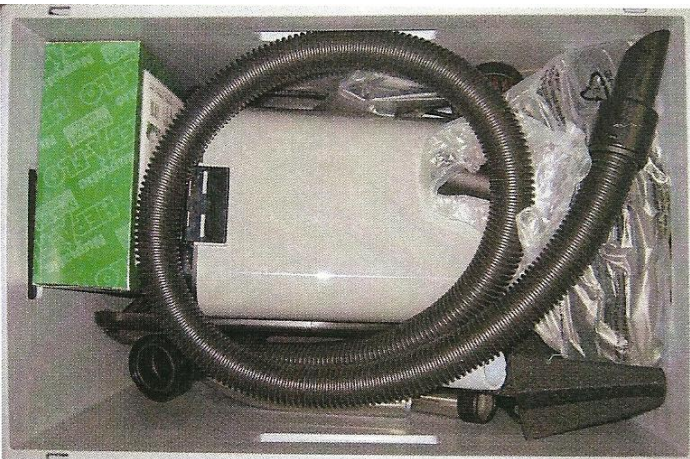


- 1 Tool set "ELK3-420-NM08"



IN2216 (SI)

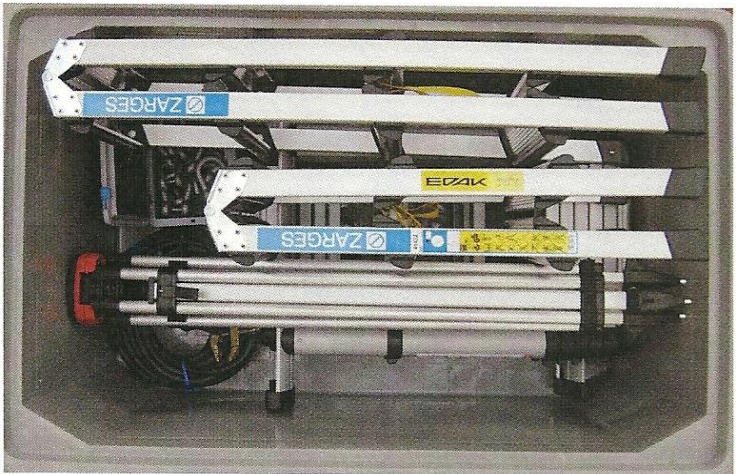
Quantity	Description	Article No
	<u>Box 22</u>	
		
1	Stacking box 600x400x425mm	IN6212
1	Safety belt - set	IN5203 (SI)
1	Density monitor test set ABB	IN4390 (SI)
1	Socket wrench set W' 8-34 / 4-14	IN1328 (SI)
1	Transit level "NA724	IN2042 (SI)
1	Analog/Digital Millimeter "METRAHIT ONE	IN3223 (SI)
	<u>Box 23</u>	
		
1	Stacking box 600x400x425mm	IN6212
1	Pressure gauge T 0-1000 KPA / "LE02/SF6"	IN6212 (SI)

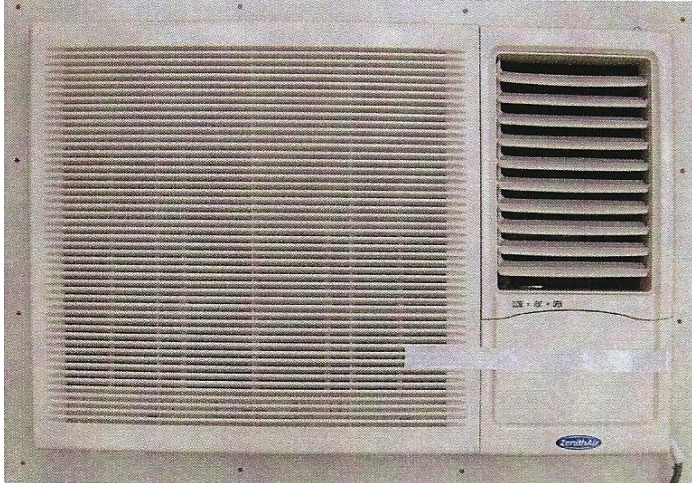

Quantity	Description	Article No
2	Pressure gauge 0-1000 KPA "LE02/SF6"	IN4325 (SI)
1	Pressure reducing valve "N2"	IN4335 (SI)
1	Service-Set "OILO/ONS-20"	IN4120 (SI)
<u>Box 24</u>		
		
1	Stacking box 600x400x425mm Empty, as spare storage place	IN6212
<u>Box 25</u>		
		
1	Stacking box 600x400x425mm	IN6212
1	Pressure reducing valve "SF6"	IN4411 (SI)
1	Impact wrench "BOSCH GHS18E"	IN4411 (SI)

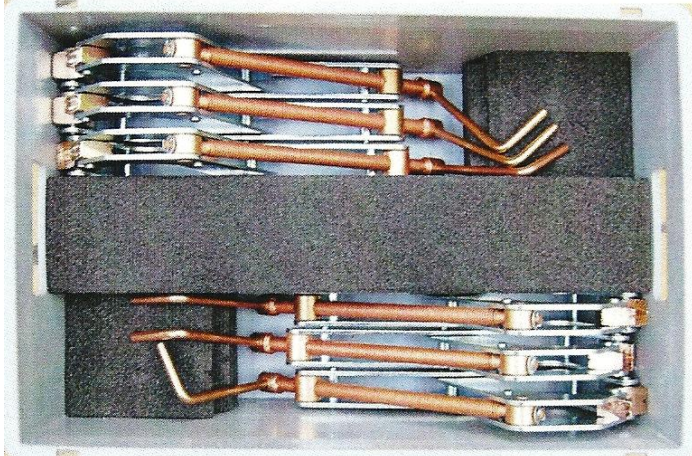
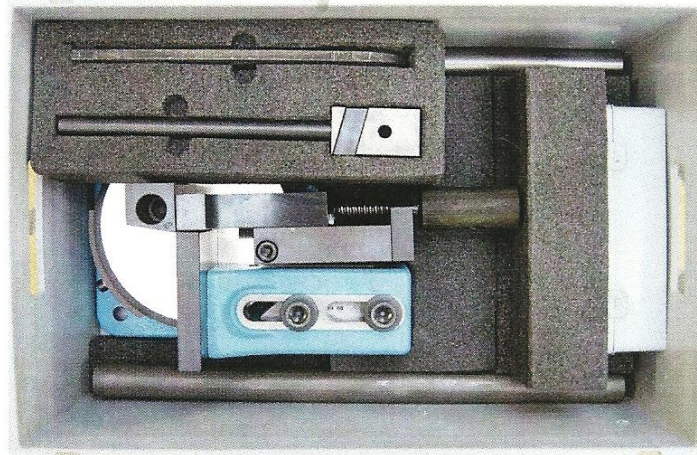
Quantity	Description	Article No
1	Sabre saw "BOSCH GST 120 E"	IN3226 (SI)
1	Laser leveling instrument "PML 32"	IN3356 (SI)
1	Laser measuring instrument "PO 42"	IN3353 (SI)
	<u>Box 26</u>	
		
1	Stacking box 600x400x425mm	IN6212
1	Protection cloth-set "BG1/2"	IN6212 (SI)
1	Protection cloth-set "BG3"	IN7322 (SI)
1	Vakuummeter "OIAVAC N"	IN4332 (SI)
1	Leak seaker "L-790A"	IN4332 (SI)
1	Crimping tool hydraulic. "HT 51"	IN2618 (SI)
	<u>Box 27</u>	
		
1	Vacuum cleaner "RSV 200"	IN2618 (SI)



Quantity	Description	Article No
	<u>Box 28</u>	
		
1	Vacuum cleaner "RSV 200"	IN2618 (SI)
	<u>Box 29</u>	
		
	Stacking box 600x400x425mm	IN6212
1	Cable reel "220V/20M"	IN3122
6	Polyester roundsling "2M/G"	IN5431
6	Polyester roundsling "3M/G"	IN5431
1	Polyester strap 50 mm / 6M	IN5616
1	Polyester strap 50 mm / 8M	IN5618


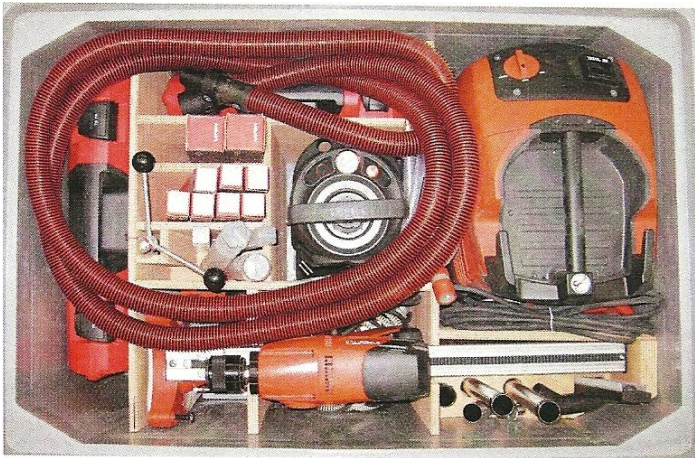
Quantity	Description	Article No
<u>Box 30</u> 		
1	Stacking box 600x400x425mm	IN6212
2	Cable reel "220V/20M"	IN3122
6	Polyester roundsling "4M/G"	IN3122
<u>Box 31</u> 		
1	Stacking box 600x400x425mm	IN3122
	(1) Foamed material 3 black	IN6003
1	Cable reel 50M/380V CEE 16A15x2.5	IN3125

Quantity	Description	Article No
	<u>Box 32</u> 	
1	Dollie 1200x800mm	IN6233
1	Pallet box 1200x800x600mm	IN6233
1	Ladder 0.6M	IN6233
1	Ladder 0.8M	IN5110
2	Ladder "TELESTEPS-KOMBI" 2.3M	IN5115
1	Shaft for transit level "NA724"	IN2042
1	Grounding-cable with locking plier 15M For earthing of the container	IN2042
1	Coupling "CEE 32-A" 380V 3L+N+PE For container connection!	IN2042
1	Plastic Box 300x200x110 mm	IN6241
4	Shackle 2.0 T	IN5513
4	Shackle 3.25 T	IN5514
4	Shackle 4.75 T	IN5515

Quantity	Description	Article No
	<u>Box 33</u> 	
1	Dollie 800x600mm	IN6231
1	Stacking box 800x600x425mm	IN6224
	(1) Foamed material 3 black	IN6003
1	Air-Condition "ASS-C"	IN3006
	<u>Box 34</u> 	
1	Stacking box 800x600x220mm	IN6224
	(1) Foamed material 3 black	IN6003
1 pair	Braces for air-condition "ABB-C"	IN3006

Quantity	Description	Article No
	<u>Box 35</u> 	
1	Dollie 800x600mm	IN6231
1	Stacking box 600x400x220mm	IN6210
	(1) Foamed material 2 black	IN6002
6	Locking Pliers "KT 9"	IN1715
	<u>Box 36</u> 	
1	Bending device "HB20"	IN2413

Quantity	Description	Article No
	<u>Box 37</u> 	
1	Stacking box 800x600x220mm	IN2413
1	Extension Hose .Dilo", NW86M	IN4211
2	Extension Hose "Dilo" NW20	IN4215
	<u>Box 38</u> 	
1	Stacking box 800x600x220mm	IN6224
	(1) Foamed material 3 black	IN6003
2	Puller 1.ST "CM-PULLER"	IN5314

Quantity	Description	Article No
	<u>Box 39</u> 	
1	Stacking box 800x600x220mm	IN6224
	(1) Foamed material 3 black	IN6003
2	Puller 0.5T "CM-PULLER"	N5311
2	Puller 0.75T "CM-PULLER"	IN5312
	<u>Box 40</u> 	
1	Dollie 1200x800mm	IN6233
1	Pallet box 1200x800x600mm	IN6232
	(1) Insert wood "22389"	

Quantity	Description	Article No
1	Diamond head drill "DD130/ VCU40"	IN3350 (si)
1	Rotary/Hammer Drill "HIL TI TE16-C"	IN3316 (si)
1	Rotary/Hammer Drill "HILTI TE70"	IN3370 (si)
1	Setting tool for bolts M16-24	IN2210 (si)

