

Import-Interface for Forklift.de

Version 2.90 © 2012 roland@netzblick.de

The Import-Interface for Forklift is realized via textfile. The Format is Pipe(|)-separated and the file needs to have Unix linebreaks (LF). Strings are not marked by apostrophes!

All fields have to exist, but can be empty. **Fields of types „Integer“, „LongInt“ or „Double“ have to contain „0“ in this case, fields of type „String“ may stay empty. The „InternalNumber“-fields have to be UNIQUE for each machine, otherwise the machines will partly not be entered.** If you coded an interface we would like you to send us an output before you go live, so that we can test the correct function of your program.

The data of **forklifts** is automatically compared to the machines with the corresponding internal numbers, so if you like to change some data just upload the corresponding file. All machines not in the update-file are deleted.

In the first line of your import-files your personal code is needed. If this is not the case, the file doesn't get importes. You can get this code from your Forklift representative.

Starting with this version, all prices have to be in the currency that you have set for yourself in the forklift-system!

Changes since Version 2.84 are marked red

Contents

Import-Interface for Forklift.de	1
Interface for Forklifts	2
Interface for attachments	6
Interface for spare parts	9
Interface for lift masts	10
Interface for work platforms	11
Interface for cleaning machines	13
Legend	14
Upload of images	15

Interface for Forklifts

Pos.	Label	Format	Description
A	Internal Number	String(255)	Is written to the Commission-field in the database and helps you to find your machines easier
B	Manufacturer	String(255)	The Manufacturer of the machine
C	Model	String(255)	The Model of the machine
D	Chassis-Number	String(255)	The Chassis-Number of the machine
E	TypeOfConstruction	Integer	The encoded type of construction of the machine. Following types exist: 0=Other 1=Rough terrain forklift truck 2=Container stacker 3=Terminal vehicles 4=Forklift truck 5=Store systems/transporting 6=Store systems/order picking 7=Store systems/stacking 8=Telescope forklift truck 9=Four-way side loader 10=Mounted forklift trucks

F	ExactTypeOfConstr.	Integer	<p>The more exact type of construction. These values depend on the type of construction entered at Pos. E. The following values are valid:</p> <p><u>TypeOfConstruction 0:</u> 0=Standard</p> <p><u>TypeOfConstruction 1:</u> 0=Standard</p> <p><u>TypeOfConstruction 2:</u> 0=Standard 1=Empty-container stacker 2=Full-container stacker 3=Full-container reach-stacker 4=Empty-container reach-stacker</p> <p><u>TypeOfConstruction 3:</u> 0=Standard 1=Terminal Tractor 2=Tractor 3=Trailer 4=Golfcart 5=Turf-/Utility-vehicle 6=Electric platform trucks</p> <p><u>TypeOfConstruction 4:</u> 0=Standard 1=Standard 2=Electric truck, 3-wheel 3=Electric truck, 4-wheel 4=Diesel truck 5=Compact forklift truck 6=LPG truck</p> <p><u>TypeOfConstruction 5:</u> 0=Standard 1=Pallet truck 2=Seated LLP truck 3=Shears elevating truck platform 4=Lift truck with scales 5=Hand pallet truck</p> <p><u>TypeOfConstruction 6:</u> 0=Standard 1=Low level order picker 2=Medium-lift order picker 3=High level order picker</p> <p><u>TypeOfConstruction 7:</u> 0=Standard 1=High-lift pallet truck 2=Stacker stand-on 3=Stacker sit-on 5=Reach truck 6=Narrow aisle truck 7=Stacker compact</p> <p><u>TypeOfConstruction 8:</u> 0=Standard 1=Rotor</p> <p><u>TypeOfConstruction 9:</u> 0=Standard 1=Four-way side loader 2=Four-way reachtruck 3=Sideloader</p> <p><u>TypeOfConstruction 10:</u> 0=Standard</p>
---	--------------------	---------	---

G	Optical condition	Integer	Describes the optical condition of the machine with the following codes: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
H	Technical condition	Integer	Describes the technical condition of the machine with the following codes: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
I	Forks	String(255)	Describes the forks of the machine
J	Fork carriage	String(255)	Describes the fork carriage of the machine
K	YearOfConstruction	Integer	The Year of construction of the machine
L	RunningHours	LongInt	The Running hours of the machine
M	Closed Height	Integer	The closed height of the machine in mm
N	LiftHeight	Integer	The lift height in mm
O	TyresFront	String(255)	Describes the tyres at the front
P	TyresRear	String(255)	Describes the tyres at the rear
Q	EngineType	Integer	Here you enter the type of Engine. Following codes are valid: 1 = electric 2 = diesel 3 = gas 4 = manual 5 = gasoline
R	DealerPrice	Double	The dealer price of the machine in your set currency
S	CustomerPrice	Double	The customer price of the machine in your set currency
T	Capacity	LongInt	The capacity of the machine in kg
U	AdditionalEquipment	String(255)	Additional equipment that the machine has
V	Attachments	String(255)	Attachments that the machine has
W	FreeLift	Integer	The free lift of the machine in mm
X	Battery	String(255)	Description of the battery (size and age)
Y	Remarks	String(255)	Remarks (Only shown to dealers)
Z	IntRemarks	String(255)	Internal remarks, this field can only be viewed by you!
AA	Masttype	Integer	The coded mast type of the machine. Following codes are valid: 0 = none 1 = Standard 3 = Duplex 5 = Triplex 8 = Quatro 9 = Telescope
AB	Engine	String(255)	Description of the engine or the charger of the machine

AC	AddEqBit	LongInt	A bitfield that represents the selectable additional equipment fields in Forklift. If a bit is set ist mirrors a selected field, if unset the field is not selected. The following values here are valid: Bit0: 3rd valve Bit1: 4th valve Bit2: Spotlight front Bit3: Spotlight rear Bit4: Overhead guard Bit5: Front pane Bit6: Weatherproof cover Bit7: Heater Bit8: Load guard grill Bit9: Solenoid valve Bit10: Oil separator Bit11: Diesel particle filter Bit12: Road traffic regulation Bit13: Weatherproof cabin Bit14: explosion-proof Bit15: Pulse control Bit16: Initial stroke
AD	DeliveryPossibleFrom	String(255)	The date when the machine is available (e.g. „01.09.2007“ or „now“)
AE	Transmission	String(255)	Describes the transmission of the machine
AF	AttachmentsBitfield	LongInt	A bitfield that represents the selectable attachments in Forklift. Bits that are set mark selected fields. The following values are valid: Bit0: Load push units Bit1: Double clamp Bit2: Sideshift, dual Bit3: Rotators, 360° Bit4: Triple pallet clamp Bit5: Sideshift, triple Bit6: Drum clamps Bit7: Fork extension Bit8: Fork clamps Bit9: Load guard grill Bit10: Thrust fork Bit11: Hydraulic scoops Bit12: Sideshifts Bit13: Carrying mandrel Bit14: Fork positioners Bit15: Double pallet clamp Bit 16: Multi-pallet handler, 2/1 profile type Bit 17: Forks
AG	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
AH	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
AI	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
AJ	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
AK	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not
AL	Length	Integer	The length of the machine in mm
AM	Width	Integer	The width of the machine in mm
AN	Weight	Integer	The weight of the machine in kg
AO	CustomerRemarks	String(255)	Remarks shown to Endusers/Customers
AP	TyreType	Integer	The type of tyres of the forklift. The following values are valid: 0=unknown 1=Cushion 2=Pneumatic 3=Polyurethane 4=Superelastic 5=Solid

Interface for attachments

Pos.	Label	Format	Description
A	InternalNumber	String(255)	Is written to the Commission-field in the database and helps you to find your machines easier
B	Manufacturer	String(255)	The manufacturer of the attachment
C	Model	String(255)	The Model of the attachment
D	YearOfConstruction	Integer	The year of construction of the attachment
E	Capacity	Integer	The capacity of the attachment in kg
F	Price	Double	The dealer price of the attachment in your set currency
G	CustomerPrice	Double	The customer price of the attachment in your set currency
H	ISO-Class	String(255)	The ISO-class of the attachment. Valid values are: „2“, „3“, „4“, „Pin-Type“ or „keine“ for n/a.
I	LoadCenter	Integer	The load center of the attachment in mm
J	DeadWeight	Integer	The dead weight of the attachment in kg
K	Remarks	String(255)	Field for common remarks (viewable)

L	Type	Integer	<p>1 = Load push unit</p> <p>2 = Bale clamps</p> <p>3 = Bale clamps, 360° rotation</p> <p>4 = Bale clamps, pulp 360° rotating</p> <p>5 = Box discharge unit</p> <p>6 = Multi-pallet handler 2/1 profile type</p> <p>7 = Pole tine clamps</p> <p>8 = Two-way fork clamps</p> <p>9 = Two-way fork clamps, 360° rotating</p> <p>10 = Rotators, 360°</p> <p>11 = Rotators, 360° with bolt-on forks</p> <p>12 = Box discharge units</p> <p>13 = Rotating jaw clamps</p> <p>14 = Drum clamps</p> <p>15 = Drum clamps, 360° rotating</p> <p>16 = Harbour Clamps</p> <p>17 = Appliance clamps, articulating arms</p> <p>18 = Appliance clamps, rigid arms</p> <p>19 = Fork clamps</p> <p>20 = Fork clamps, 360° rotating</p> <p>21 = Load push-pulls</p> <p>22 = Jib crane</p> <p>23 = Load stabilizers</p> <p>24 = Multi-pallet handlers, 2/1</p> <p>25 = Pallet handlers with load extender</p> <p>26 = Multi-pallet handler 2/1 profile type</p> <p>27 = Multi-pallet handler 3/2/1</p> <p>28 = Multi-pallet handler 4</p> <p>29 = Multi-pallet handler 4/2</p> <p>30 = Multi-pallet handler 6/4</p> <p>31 = Pallet inverters, 360° rotating</p> <p>32 = Load extenders</p> <p>33 = Paper roll clamps, 360° rotating</p> <p>34 = Paper roll clamps, 180° rotating</p> <p>35 = Paper roll clamps, 360° rotating arm</p> <p>36 = Paper roll clamps, 180° rotating arm</p> <p>37 = Roll upender, 90°</p> <p>38 = Roll upender, 90° with 360° rotating</p> <p>39 = Tyre clamps, 360° rotating</p> <p>40 = Foam clamps</p> <p>41 = Hose reels/support flex</p> <p>42 = Hydraulic scoops</p> <p>43 = Sideshifts</p> <p>44 = Sideshifts, dual</p> <p>45 = Sideshifts, triple</p> <p>46 = Tri-lateral heads shaft driven</p> <p>47 = Tri-lateral heads rack-and-pinion driven</p> <p>48 = Brick and block clamps</p> <p>49 = Tobacco clamps</p> <p>50 = Tissue roll clamps, 360° rotating</p> <p>51 = Carpet boom</p> <p>52 = Load extenders</p> <p>53 = Pulp bale clamps, rigid arms</p> <p>54 = Pulp bale clamps, articulating left arm</p> <p>55 = Fork positioners, 360° rotating</p> <p>56 = Fork positioners, profile guided</p> <p>57 = Fork positioners, shaft guided</p> <p>58 = Other</p> <p>59 = Snow pusher</p> <p>60 = Round timber gripper</p> <p>61 = Fork positioners</p> <p>62 = Tine adjustment equipment with sideshift</p> <p>63 = Push-out forks</p> <p>64 = Bale tongs with side shift</p> <p>65 = Reel clamp, swivelling</p> <p>66 = Tilting device with shovels</p> <p>67 = Double reel turning and clamping equipment</p> <p>68 = Attachment clamp</p> <p>69 = Hydraulic rope hoist</p> <p>70 = Telescope fork tine</p> <p>71 = Accessories</p>
---	------	---------	---

			72=Forks 73=Barrel Lifter 74=Load guard grill 75=Persons Basket 76=Telescopic crane 77=Fork extension 78=Pouch lifter 79=Sweeping machine 80=Pipe clamp 81=Clamp for cement pipes
M	BuildBroad	LongInt	The build-broad of the attachment in mm
N	OpeningBroad/ RollDiameter/ AdjustableRange From	LongInt	The minumum opening-broad/roll-diameter/adjustable range of the attachment (depending on attachment-type) in mm
O	OpeningBroad/ RollDiameter/ AdjustableRange To	LongInt	The maximum opening-broad/roll-diameter/adjustable range of the attachment (depending on attachment-type) in mm
P	OpticalCondition	Integer	The optical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
Q	TechnicalCondition	Integer	The technical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
R	TechncalDescription	String(255)	A short technical description of the attachment
S	BackBroad/ ForkCarriageBroad	LongInt	The back broad or fork-carriage broad of the attachment in mm
T	BalancePoint	LongInt	The balance point of the attachment in mm
U	FrontEndMeasure	LongInt	The front-end measure in mm
V	ForkLehgth/ ArmLength	LongInt	The fork length or arm length of the attachment in mm
W	ForkBroad/ ArmBroad	LongInt	The fork broad or arm broad in mm
X	ForkSize/ ArmSize	LongInt	The fork size or arm size in mm
Y	DeliveryPossibleFrom	String(255)	The date when the machine is available (e.g. „01.09.2007“ or „now“)
Z	InternalRemarks	String(255)	Field for your internal remarks, only visible to you!
AA	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
AB	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
AC	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
AD	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
AE	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not
AF	CustomereRemarks	String(255)	Remarks shown to endusers/customers

Interface for spare parts

Pos.	Label	Format	Description
A	InternalNumber	String(255)	Is written to the Commission-field in the database and helps you to find your parts easier
B	Manufacturer	String(255)	The manufacturer of the part
C	ManufacturerNumber	String(255)	The part number of the manufacturer
D	Name	String(255)	The name of the part
E	Manufacturer	String(255)	The manufacturer of the machine which the part fits to
F	ManufacturerID	String(255)	The spare part ID number
G	Remarks	String(255)	Your remarks (visible for dealers)
H	IntRemarks	String(255)	Internal remarks, just visible for you
I	CustRemarks	String(255)	Remarks visible to Endusers/ customers
J	CustPrice	Double	The Price for endusers in you set currency
K	Price	Double	The Price of the spare part for dealers in your set currency
L	ListPrice	Double	The List price of the part in your set currency
M	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
N	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
O	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
P	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
Q	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not

Interface for lift masts

Pos.	Label	Format	Description
A	InternalNumber	String(255)	Is written to the Commission-field in the database and helps you to find your masts easier
B	Manufacturer	String(255)	The manufacturer of the mast
C	Model	String(255)	The model of the mast
D	LiftHeight	LongInt	The lift height of the mast in mm
E	Capacity	LongInt	The capacity of the mast in kg
F	MastType	LongInt	The coded mast type. The following values are valid: 1 = Standard 3 = Duplex 5 = Triplex 8 = Quatro
G	ClosedHeight	LongInt	The closed height in mm
H	FreeLift	LongInt	The free lift in mm
I	Price	Double	The price of the mast in your set currency
J	Remarks	String(255)	Additional remarks about the mast
K	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
L	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
M	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
N	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
O	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not
P	InternalRemarks	String(255)	Field for your internal remarks, only visible to you!
Q	CustomerRemarks	String(255)	Remarks shown to endusers/customers
R	CustomerPrice	Double	The price for customers/endusers

Interface for work platforms

Pos.	Label	Format	Description
A	InternalNumber	String(255)	Is written to the Commission-field in the database and helps you to find your work platform easier
B	Manufacturer	String(255)	The manufacturer of the platform
C	Model	String(255)	The model-no. of the platform
D	TypeOfConstruction	Integer	The type of construction of the work platform. The following values are valid: 1=Other 2=Trailed platform 3=Telescope platform 4=Perpendicular lifting platform 5=Articulated work platform 6=Shears work platform 7=Truck stage 8=Special device
E	OpticalCondition	Integer	The optical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
F	TechnicalCondition	Integer	The technical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
G	YearOfConstruction	Integer	The platform's year of construction
H	RunningHours	LongInt	The platform's running hours
I	WorkHeight	LongInt	The platform's work height
J	LateralRange	LongInt	The lateral range of the platform in mm
K	BasketLoad	LongInt	The basket load of the platform in kg
L	Capacity	LongInt	The capacity in kg
M	PlatformFeedMotion	LongInt	The platform feed motion in mm
N	Available	String(255)	The availability of the machine
O	DeadWeight	Integer	The dead weight in kg
P	Battery	String(255)	Description of the battery (size and age)
Q	EngineType	String(255)	Here you enter the type of Engine. Following values are valid: 1=electric 2=diesel 3=LPG 4>manual/none 5=Gasoline 6=natural gas
R	DealerPrice	Double	The platform's dealer price in your set currency
S	CustomerPrice	Double	The platform's customer price in your set currency
T	AdditionalEquipment	String(255)	The additional equipment of the platform
U	Remarks	String(255)	Your remarks
V	Width	LongInt	The width in mm
W	Length	LongInt	The length in mm
X	Height	LongInt	The height in mm
Y	CarrierVehicle	String(255)	The carrier vehicle of self-propelled platforms

Z	AllWheel	Integer	1 if the vehicle does have all-wheel drive, 0 if not
AA	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
AB	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
AC	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
AD	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
AE	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not
AF	InternalRemarks	String(255)	Field for your internal remarks, only visible to you!
AG	CustomerRemarks	String(255)	Remarks shown to endusers/customers

Interface for cleaning machines

Pos.	Label	Format	Description
A	InternalNumber	String(255)	Is written to the Commission-field in the database and helps you to find your work platform easier
B	Manufacturer	String(255)	The manufacturer of the cleaning machine
C	Model	String(255)	The model-no.
D	TypeOfConstruction	Integer	The type of construction. The following values are valid: 1=Other 2=Sweeping machine 3=Sweeping and vacuum cleaning machine 4=Automatic wet scrubber 5=Street cleaning machine 6=High pressure cleaner 7=scrubber/dryers
E	OpticalCondition	Integer	The optical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
F	TechnicalCondition	Integer	The technical condition of the attachment. The following values are valid: 1=like new 2=very good 3=good 4=normal 5=bad 6=very bad 7=new
G	YearOfConstruction	Integer	The machine's year of construction
H	SweepingWidth	Integer	The sweeping width in mm
I	EngineType	String(255)	Here you enter the type of Engine. Following values are valid: 1=electric 2=diesel 3=LPG 4>manual/none 5=Gasoline 6=natural gas
J	DealerPrice	Double	The dealer price in your set currency
K	CustomerPrice	Double	The customer price in your set currency
L	AdditionalEquipment	String(255)	The additional equipment of the machine
M	Battery	String(255)	Battery details (size and age)
N	Remarks	String(255)	Remarks about the machine
O	Vf	Integer	1 if the machine should be viewed in the dealer-system of Forklift, 0 if not
P	Vh	Integer	1 if the machine should be viewed on your homepage, 0 if not
Q	Vmanu	Integer	1 if the machine should be viewed on the homepage of the manufacturer or of a pool you're in, 0 if not
R	VEK	Integer	1 if the machine should be viewed to customers in Forklift, 0 if not
S	Rent	Integer	1 if the machine should be viewed to customers in Forklift for rent, 0 if not
T	Available	String(255)	The availability of the machine
U	InternalRemarks	String(255)	Field for your internal remarks, only visible to you!
V	CustomerRemarks	String(255)	Remarks shown to endusers/customers

Legend

Data types:

String(255)	A string containing 0 to 255 chars
Integer	An integer value from 0 to 65535
LongInt	An integer value from 0 to 4294967295
Double	A real value with max. 16 digits left and 3 digits right of the decimal point

Upload of images

To keep the image upload simple, we developed a very easy to handle solution. First the images to upload have to be packed into a ZIP-archive. Take care that you don't store any paths with the files. The filenames of the images have to be in the following form:

`InternalNumber-ImageNumber.jpg`

So it is easier for you if you use simple internal numbers. **The imageNumbers are consecutive numbers for each machine from 1 to 3 (without leading zero), or for Premium-Users from 1 to 10. Further be advised that the filenames are CASE-SENSITIVE.**

Valid chars in filenames are letters, digits and the chars „-“ and „_“.

Uploaded images stay on the server, if you delete all your machines and upload another machines-file, the images are again linked automatically to the correct machines without the need to re-upload them (if the InternalNumber doesn't change).