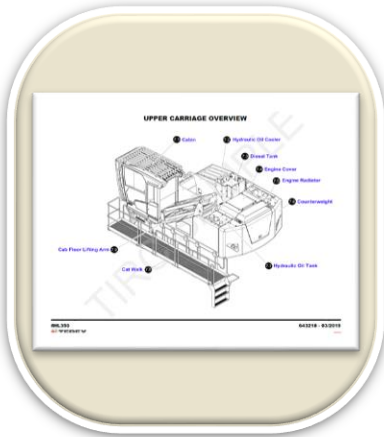# Illustrated Parts Catalogue

Scope:
- Creation and revision of Parts Manual with respect to ECNs and mark-ups received from customer
- Migration of legacy manuals to online web portal
- Creation of Technical illustrations (2D & 3D) from CAD models
- Tracing of raster images to create vector illustrations
- Creating & implementation of ECO's to Parts manuals
- Creation of recommended spare parts & filter kit illustrations
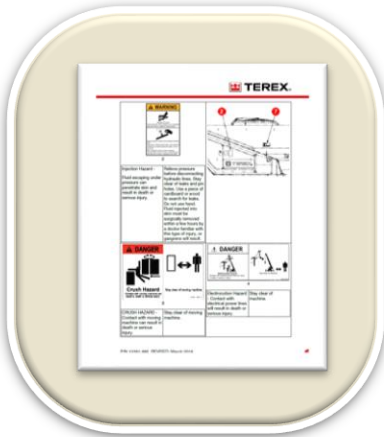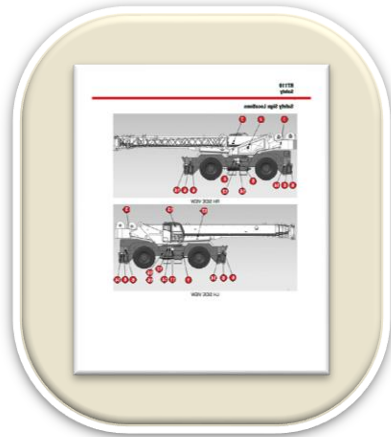- Creation of Harness maps, Hydraulic hose illustrations, Decal kits etc.

Process:
- Study & analyze the ECN's and marked up copies of existing manuals
- Prepare Manual Structure (ToC/Top Level Sheet)
- Download the drawings & the other relevant CAD models from team center
- Create Illustrations & BOM per engineering drawings
- Identify the supplier part numbers and assign Terex numbers, If any
- Hot spotting in Docware to create .SEN files
- Import all .tif, .xlsx & .SEN files to Docware
- Publish the documents in Docware and send the PDF copies to customer
- Implement the changes if there are any feedback from the customers & project closure

Tools/Softwares:
IsoDraw CAD Process, Creo Illustrate, Adobe Illustrator, Adobe Photoshop, Corel Draw, Creo, NX, Solidworks, Autodesk Inventor, Team center, EPDM, and Docware

Operator & Maintenance Manual

Scope:

- Creation and revision of Operator & Maintenance Manual with respect to ECNs and mark-ups received from the customer.
- Migration of legacy manuals using structured authoring.
- Replacement of raster images to vector images for more clarity in the manual.
- Use of exploded view of illustrations from CAD model for better clarity.
- Rewrite the contents per simplified English standard for easy understating.
- Creation of topic-based content by creating multiple containers for re-usability.
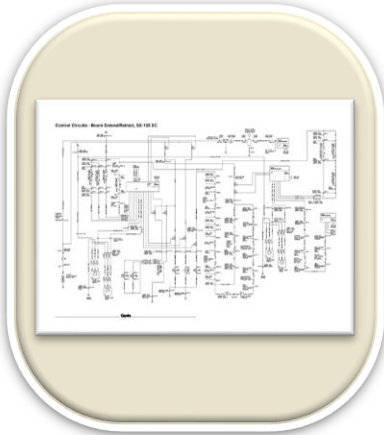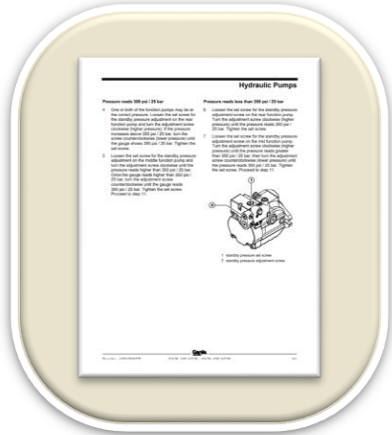- Reuse of data modules in multiple types of manual as required.

Process:

- Study & analyze – the ECN's and marked up copies of existing manuals
- Identify the section, topics need to be created or updated.
- Download the drawings & the other relevant CAD models from team center, shared drives.
- Understand the procedure & create/update the contents accordingly.
- Create the graphics to illustrate all the steps and instructions.
- Create or update the contents of the relevant sections in Authoring tools.
- Link the illustrations to authoring tool with respect to relevant topics.
- Proofreading of manuals the complete contents of manuals.
- Deliver PDF files along with source files.

Tools/Softwares:

Author-It, Arbortext Editor, Adobe InDesign, Adobe Frame Maker, Corel Draw, IsoDraw CAD Process, Creo Illustrate, Adobe Illustrator, Adobe Photoshop, EPDM, and Team Center.

Service & Repair Manual

Scope:
- Creation and revision of Service & Repair Manual with respect to ECNs and mark-ups received from the customer.
- Migration of legacy manuals using structured authoring.
- Replacement of raster images to vector images for more clarity in the manual.
- Use of exploded view of illustrations from CAD model for better clarity.
- Rewrite the contents per simplified English standard for easy understating.
- Creation of topic-based content by creating multiple containers for re-usability.
- Reuse of data modules in multiple types of manual as required.

Process:
- Study & analyze the ECN's and marked up copies of existing manuals
- Identify the section, topics need to be created or updated.
- Download the drawings & the other relevant CAD models from team center, shared drives.
- Understand the procedure & create/update the contents accordingly.
- Create the graphics to illustrate all the steps and instructions.
- Update Specifications, Repair procedures, troubleshooting, and schematics sections etc.
- Create or update the contents of the relevant sections in Authoring tools.
- Link the illustrations to authoring tool with respect to relevant topics.
- Deliver PDF files along with source files.

Tools/Softwares:
Author-It, Arbortext Editor, Adobe InDesign, Adobe Frame Maker, Corel Draw, IsoDraw CAD Process, Creo Illustrate, Adobe Illustrator, Adobe Photoshop, EPDM, and Team Center.

Online/Digital/Web Publishing
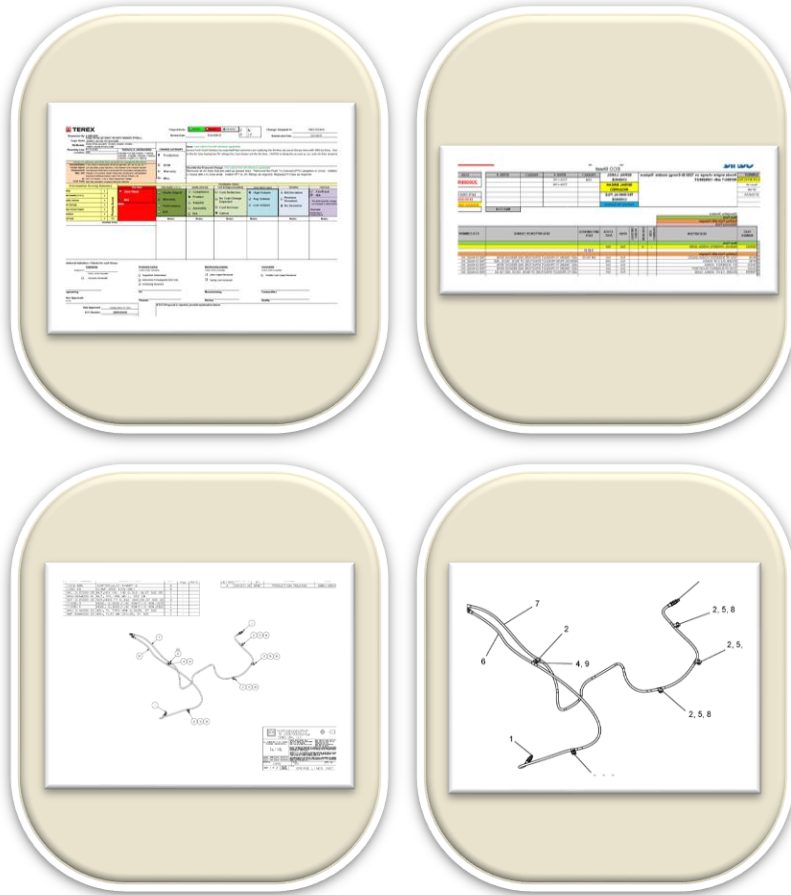

Locate & Order parts

Parts Sales

Scope:

- TIRC Support in implementation and maintenance of electronic spare parts catalogue application with centralized environment for parts repository enabling access to up-to-date information for global users.
- Digital publishing (often referred to as online publishing or e-publishing), is the publication on the web or on electronic media, or any form of content that is typically long-form. In short, it is the use of online technology to digitize print material and share it digitally.
- Online parts catalogs are dynamic, powerful sales and marketing tools which place a manufacturer's parts directly in the hands of their customers.
- Spare parts catalogue, will provide you with all information in one platform where you can access:
  - Spare parts, Maintenance kits and supplier parts
  - Circuit diagrams/Schematics and illustrations in 2D & 3D
  - Additional information of spare parts
  - Prices and availability of spare parts
- Online parts catalogs helps customers to order the spare parts directly from catalogues. Spare parts sale is simple, fast, accurate and around the clock.

Tools/Softwares:

Docware, Documoto, and DocuStudio.

ECN Management

Scope:
- Whenever the changes made to parts, assemblies or drawings of a machine, ECN's will be released that needs to be incorporated to all our documents
- Creating & implementation of ECN's to Parts, Operator, and Service Manuals.

Process:
Parts Manual:
- Study & analyze the ECN's for changes & model applicability.
- Download the drawings & the other relevant CAD models from team center/EPDM.
- Create Illustrations & BOM per engineering drawings.
- Identify the supplier part numbers and assign part numbers, If any.
- Hot-spotting in Docware/Documoto to create .SEN files.
- Import all .tif/svg, .xlsx & .SEN files to Docware/Documoto.
- Publish the documents in Docware and PPSync for online publishing.
- Implement the changes if there are any feedback from the customer & project closure.
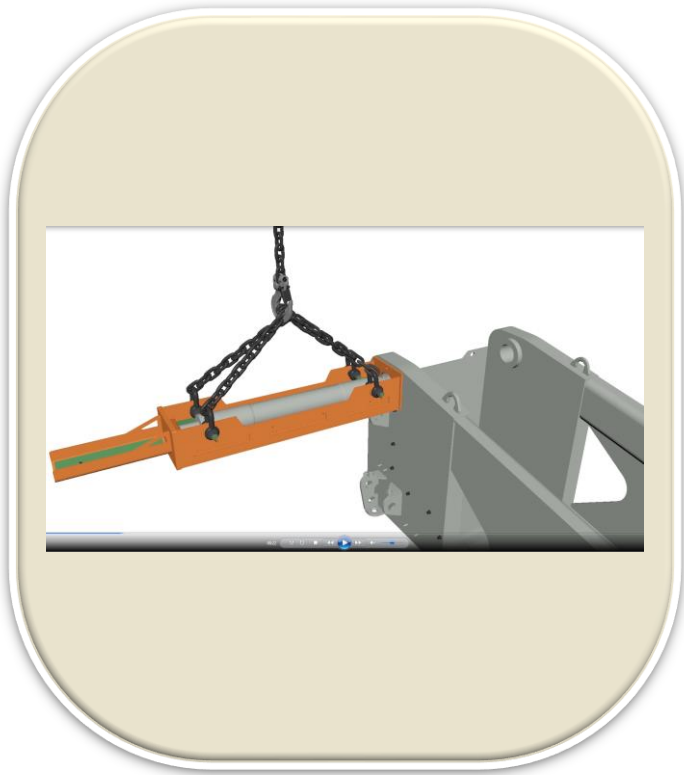
Operator & Service Manuals:
- Study & analyze the ECN's for changes & model applicability.
- Identify the section, topics need to be created or updated.
- Create or Update the content and illustrations as needed and publish.

Tools/Softwares:
Author-It, Arbortext Editor, Adobe InDesign, Adobe Frame Maker, Corel Draw, IsoDraw CAD Process, Creo Illustrate, Adobe Illustrator, Adobe Photoshop, EPDM, Team Center, and Docware.

3D Animation & Voice-over

Scope:

- Create 3D Animated videos with voice over based on SOP.
- We render top class 3D animation services to you that are affordable and the best in the market.
- We provide 3D product animation, 3D illustration services, demonstrative 3D videos and industrial 3D animation services.
- We are expertise to develop computer generated mesmerizing visualization and photo-realistic animation media, 3D virtual reality, interactive e-learning & virtual photography.
- Our 3D Animation services are:
  - o Affordable & unbeatable animation quality
  - o Stunning graphics
  - o Inclusion of all intricate details
  - o Accurate representation of your topics
  - o Responsible for handling of all your requirements

Tools/Softwares:

Autodesk Maya, 3ds Max

Labeling Drawings & Decal Kits

Scope:
- As safety being the topmost priority, we need to capture all the decals for every machine.
- We create Labeling Drawings to show all the locations of decals on a particular model/machine
- Using Labeling drawings, we create the "Decal Kits" to show market specific decals.

Process:
- We do create 2 types of Labeling drawings:
    - Word Labeling Drawings - Decals displaying safety instructions in words will be shown in these drawings
    - Symbol Labeling Drawings - Decals displaying safety signs/symbols will be shown in these drawings

- Decal Kits will have the following information:
    - Model Name
    - Decal Kit number and its revision
    - Separate instruction number for each market [ANSI/CE/AUS]
    - Separate Bill of material (BOM) for each market
    - All the pages of labeling drawings

Tools/Softwares:
Corel Draw, Solidworks, TMS, MS office